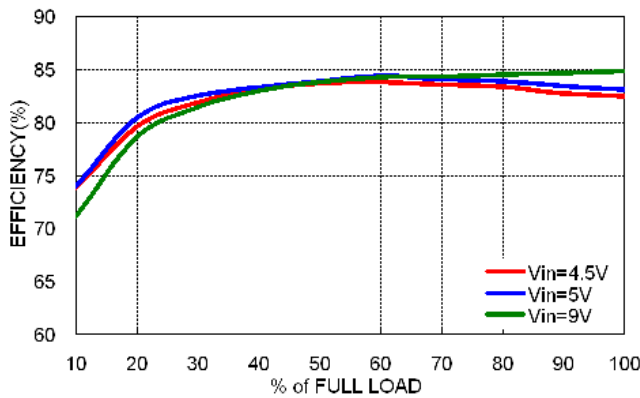
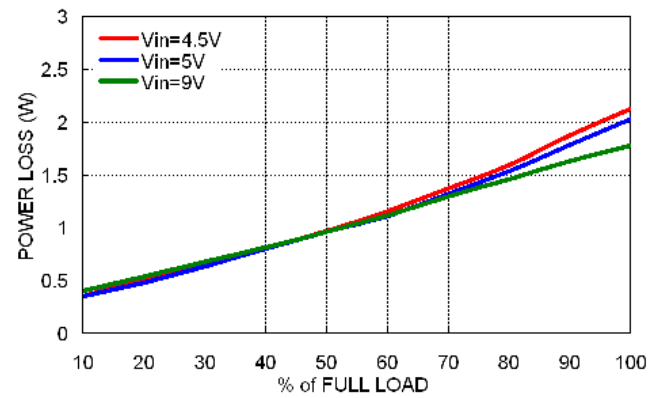


## Characteristic Curves

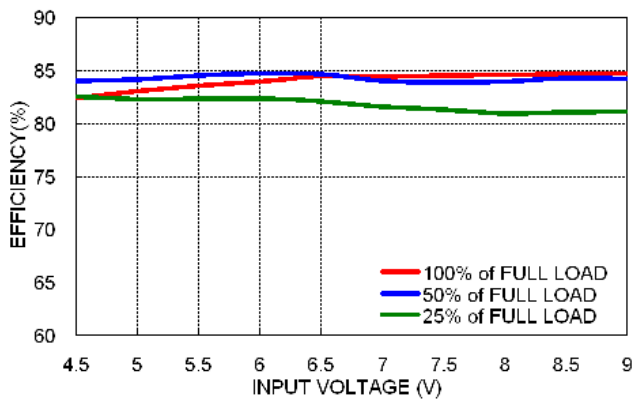
All test conditions are at 25°C. The figures are identical for MPP10-05D05



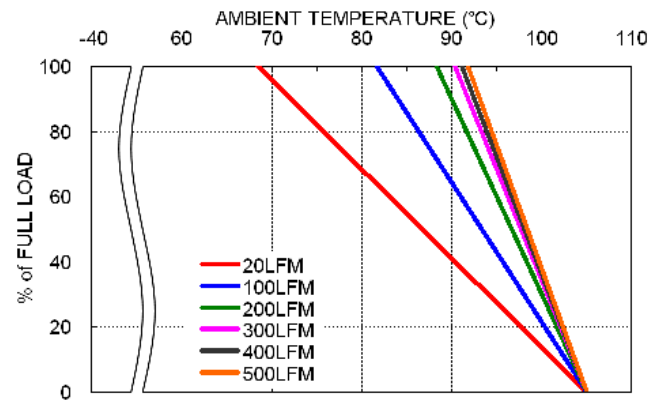
Efficiency versus Output Load



Power Dissipation versus Output Load



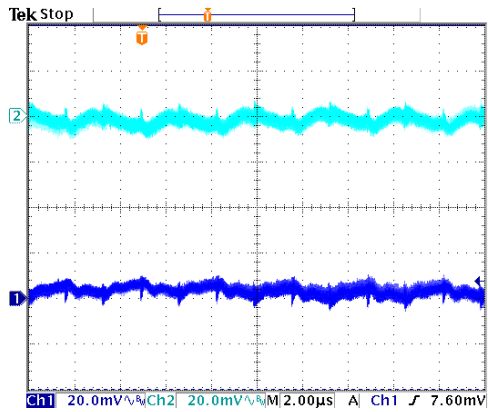
Efficiency versus Input Voltage  
Full Load



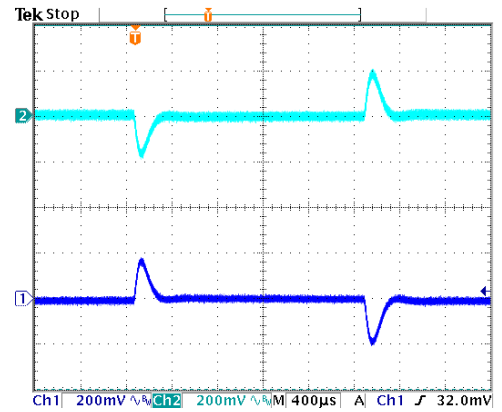
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

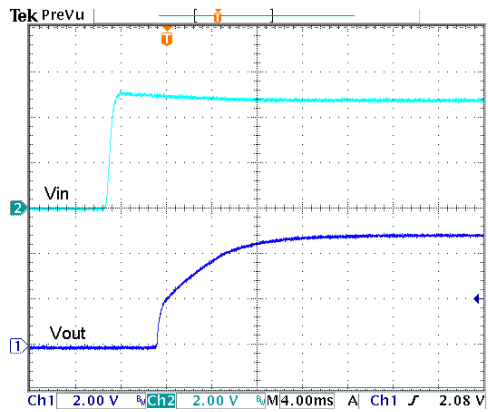
All test conditions are at 25°C. The figures are identical for MPP10-05D05



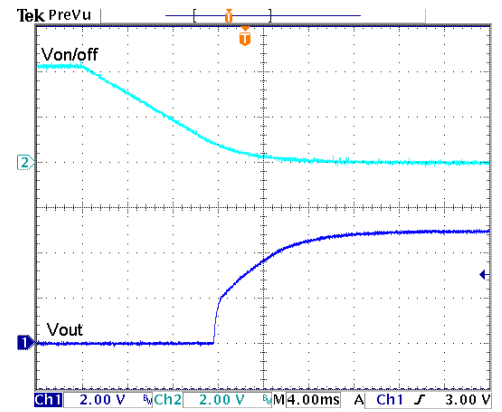
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



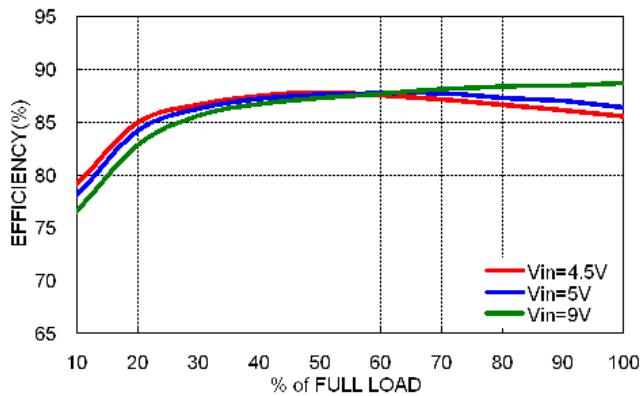
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



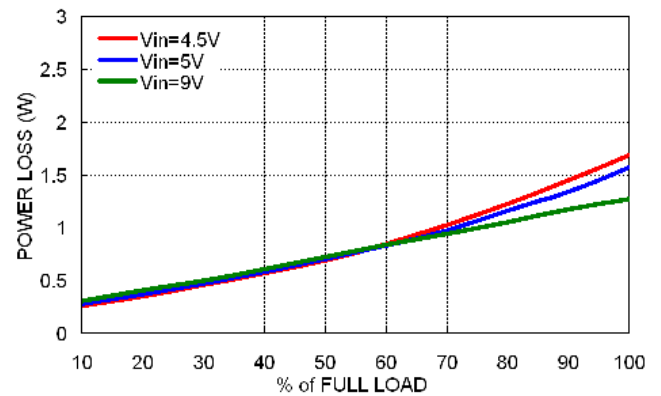
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

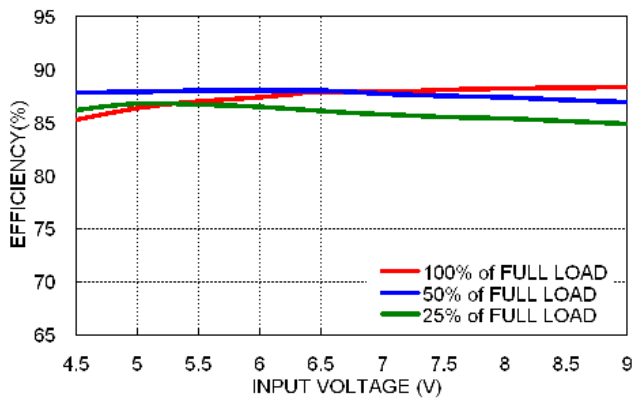
All test conditions are at 25°C. The figures are identical for MPP10-05D12



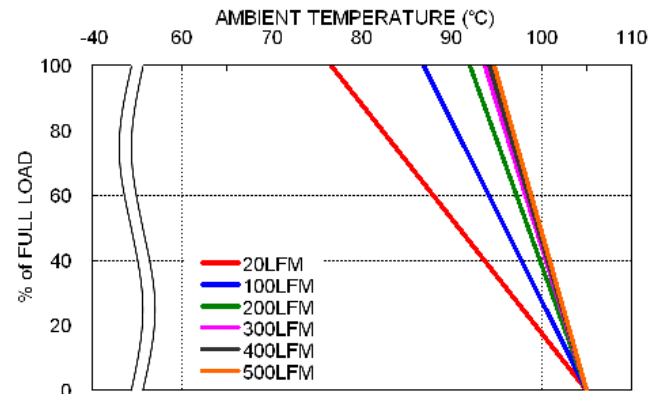
Efficiency versus Output Load



Power Dissipation versus Output Load



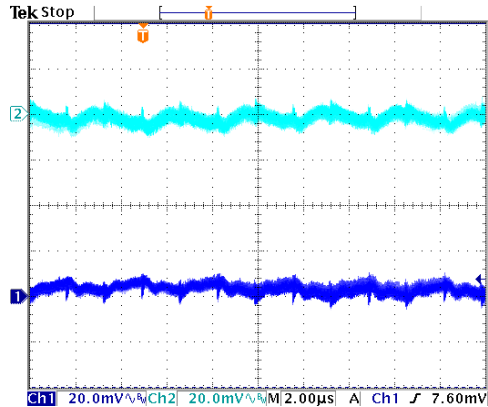
Efficiency versus Input Voltage  
Full Load



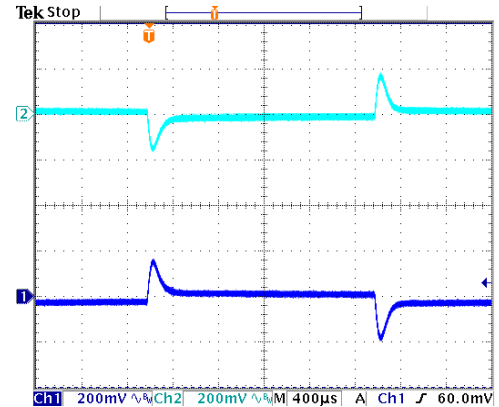
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

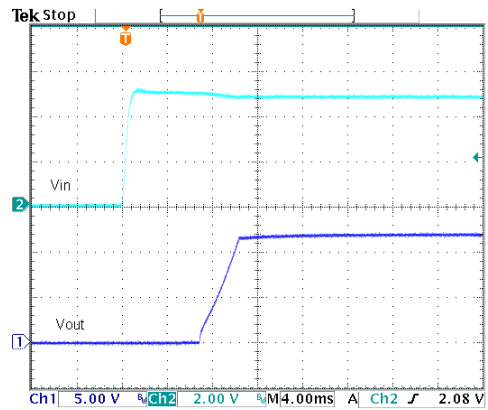
All test conditions are at 25°C. The figures are identical for MPP10-05D12



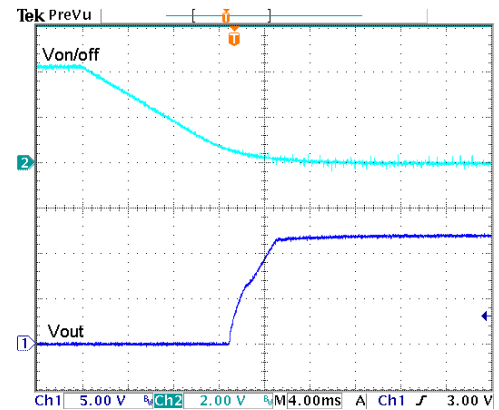
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



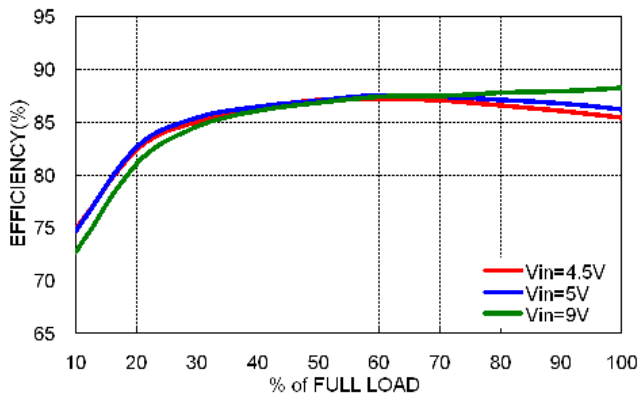
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



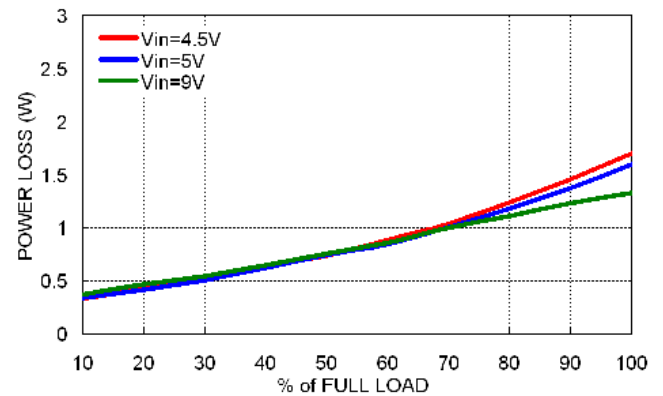
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

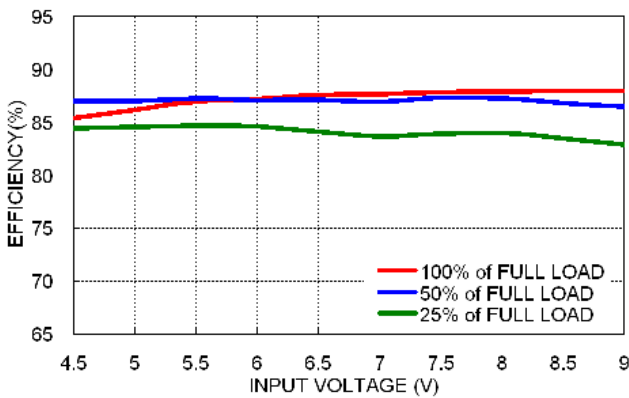
All test conditions are at 25°C. The figures are identical for MPP10-05D15



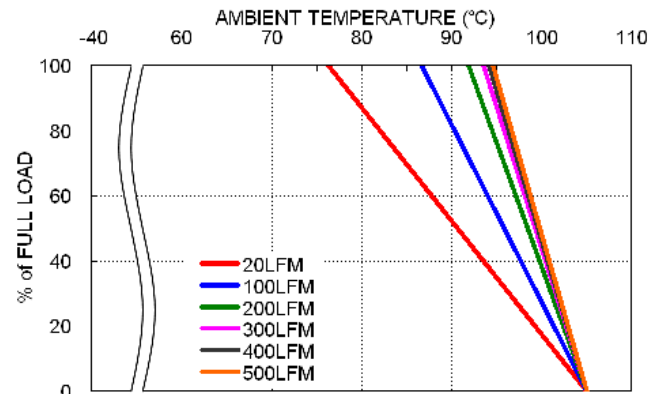
Efficiency versus Output Load



Power Dissipation versus Output Load



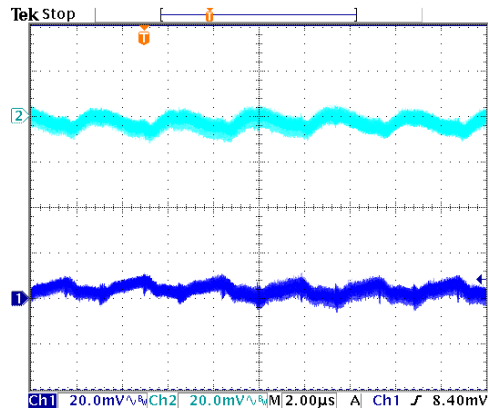
Efficiency versus Input Voltage  
Full Load



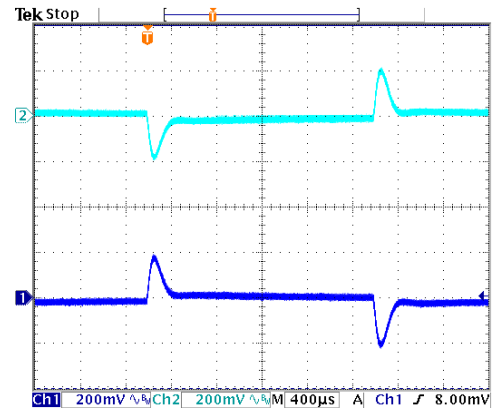
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

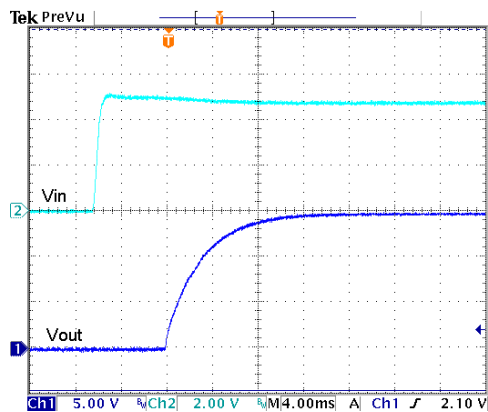
All test conditions are at 25°C. The figures are identical for MPP10-05D15



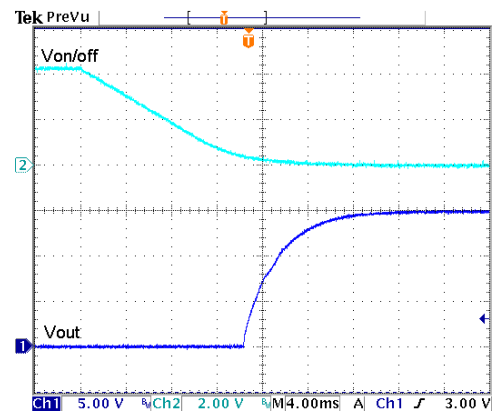
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



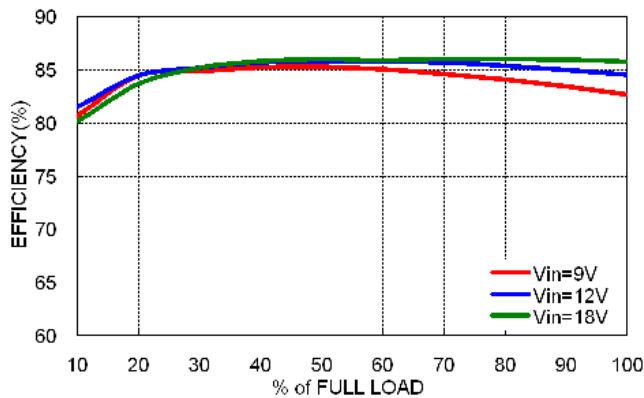
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



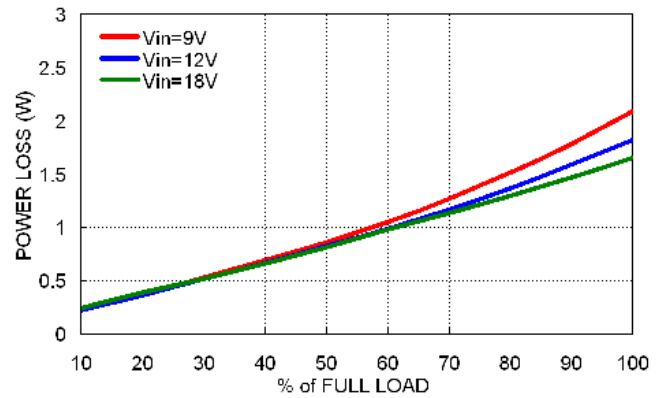
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

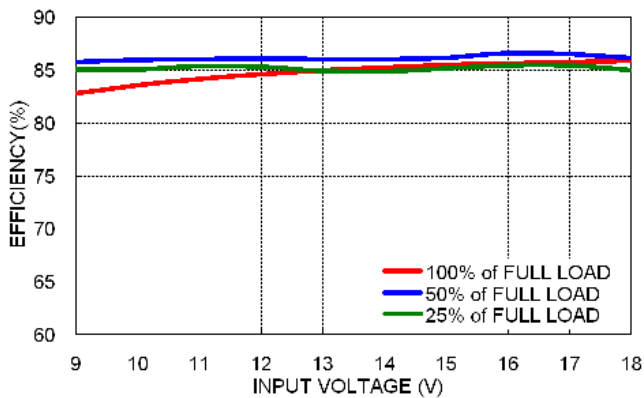
All test conditions are at 25°C. The figures are identical for MPP10-12D05



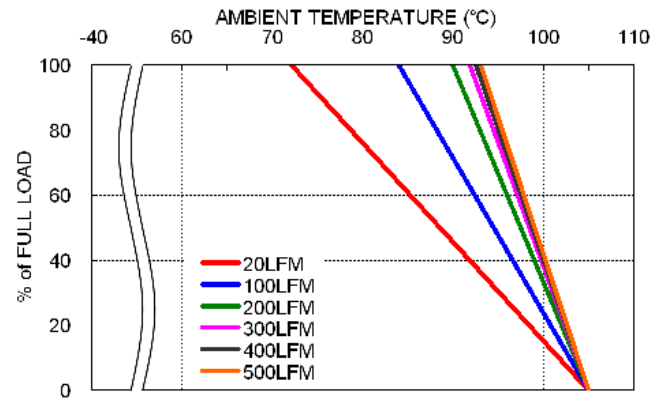
Efficiency versus Output Load



Power Dissipation versus Output Load



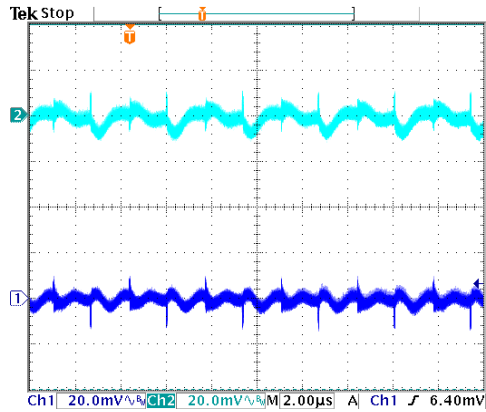
Efficiency versus Input Voltage  
Full Load



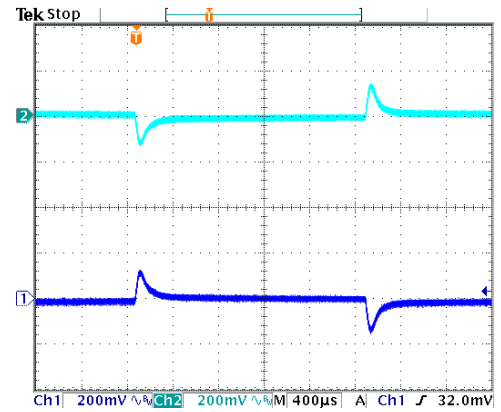
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

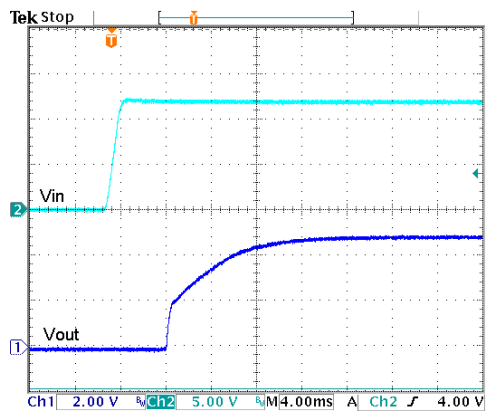
All test conditions are at 25°C. The figures are identical for MPP10-12D05



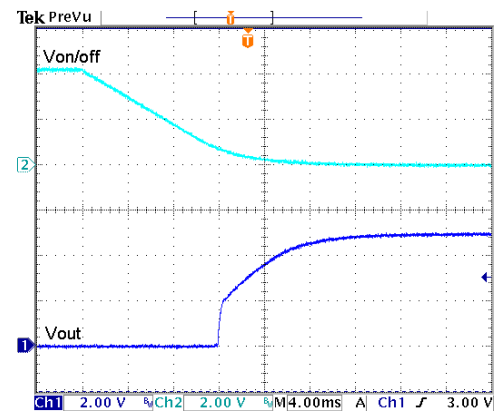
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

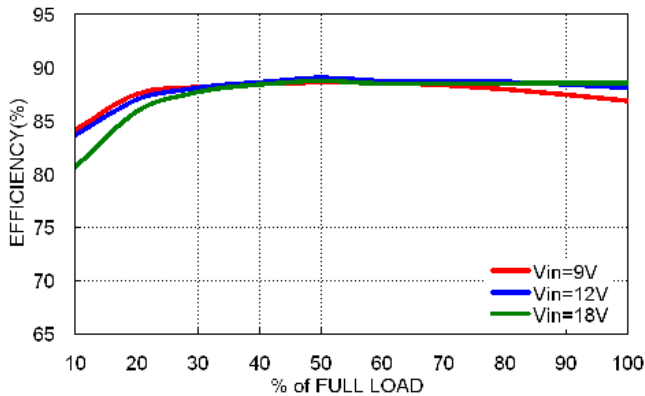


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

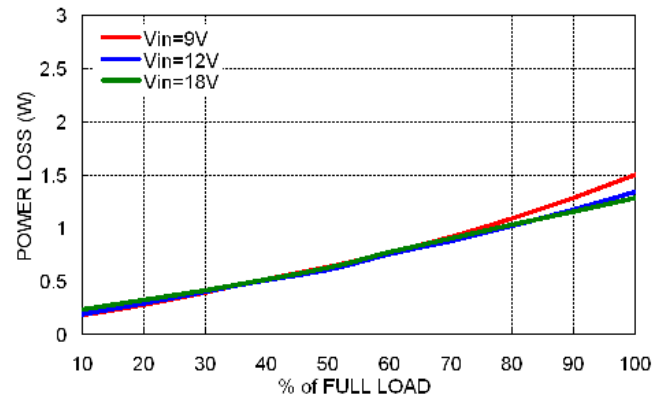


### Characteristic Curves (Continued)

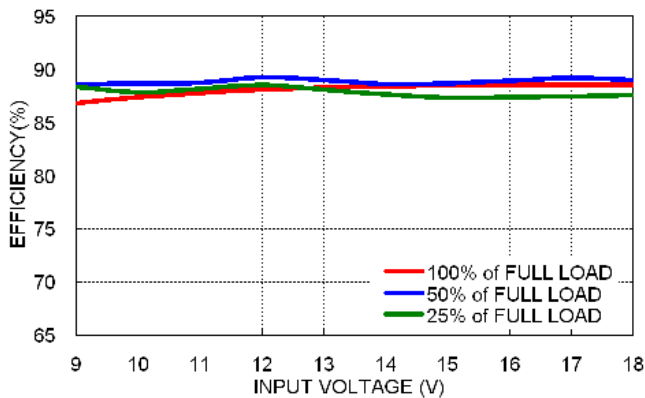
All test conditions are at 25°C. The figures are identical for MPP10-12D12



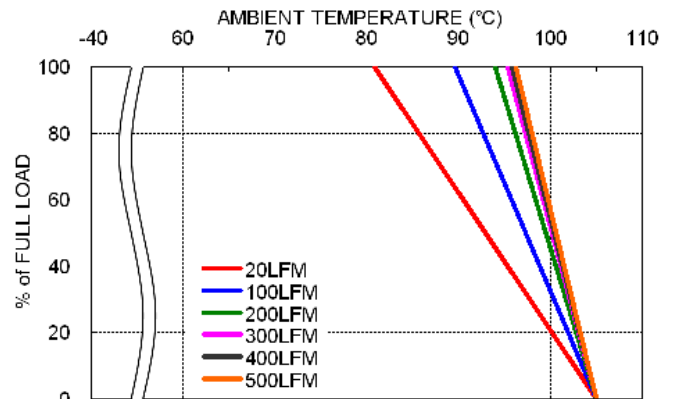
Efficiency versus Output Load



Power Dissipation versus Output Load



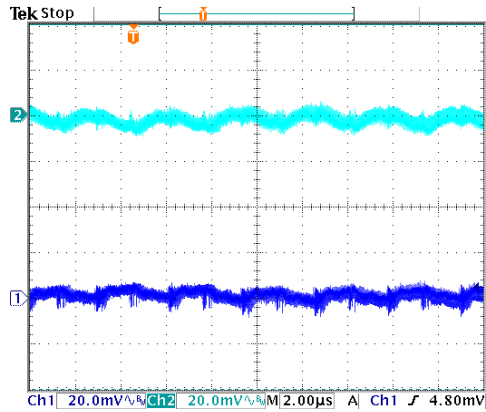
Efficiency versus Input Voltage  
Full Load



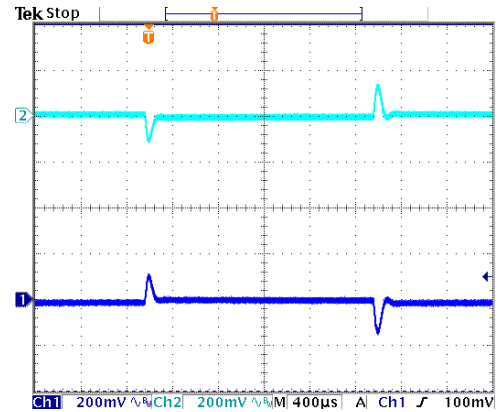
Derating Output Load versus Ambient Temperature and Airflow  
 $V_{in}(\text{nom})$

### Characteristic Curves (Continued)

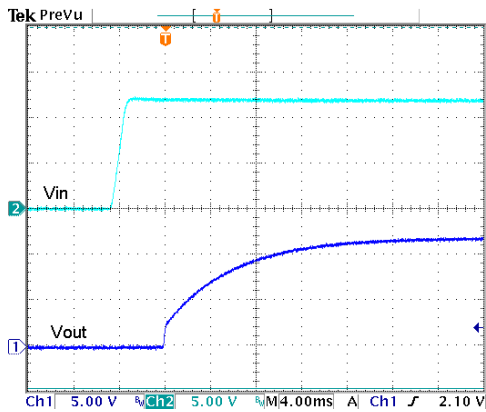
All test conditions are at 25°C. The figures are identical for MPP10-12D12



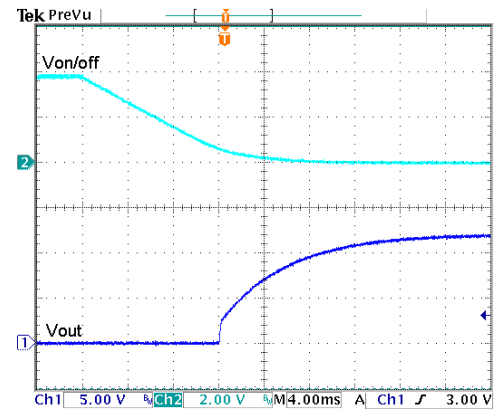
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



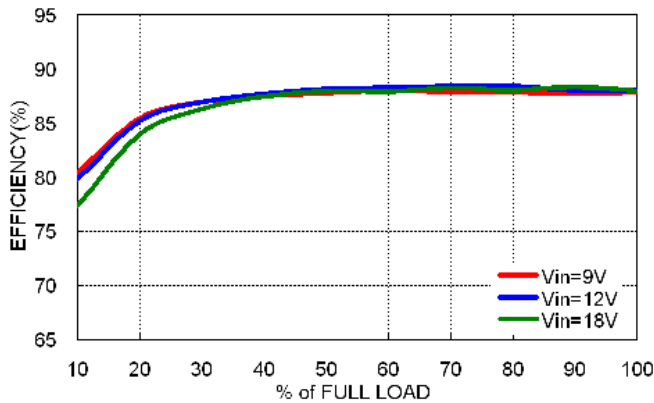
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



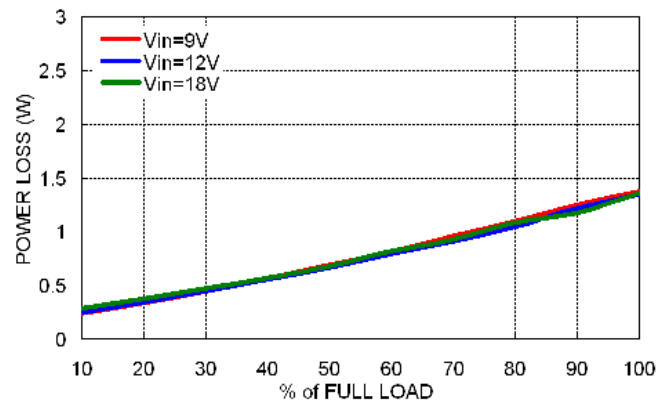
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

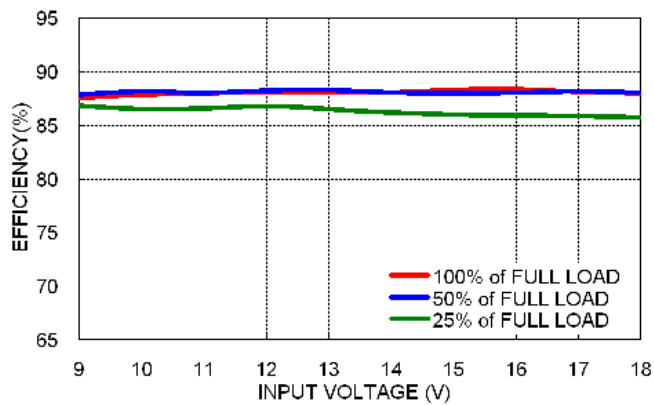
All test conditions are at 25°C. The figures are identical for MPP10-12D15



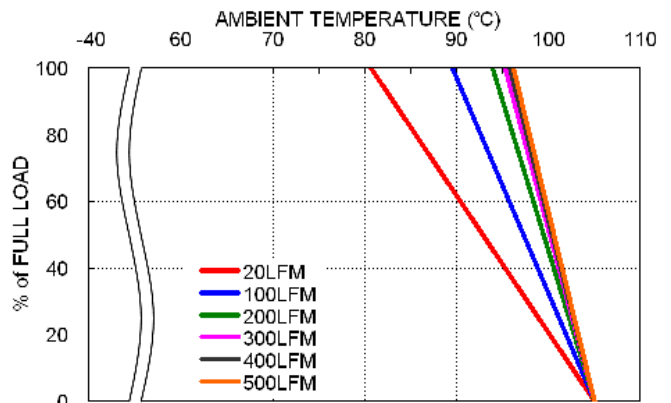
Efficiency versus Output Load



Power Dissipation versus Output Load



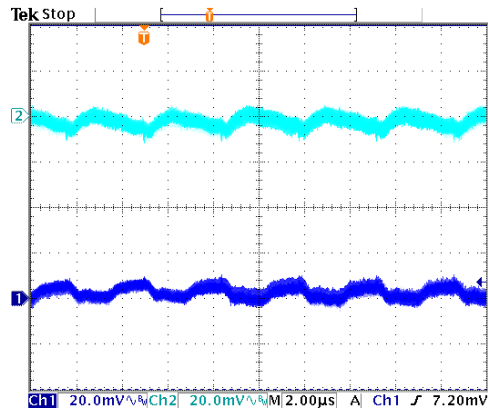
Efficiency versus Input Voltage  
Full Load



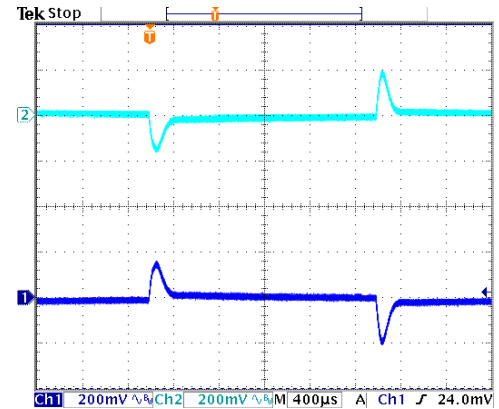
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

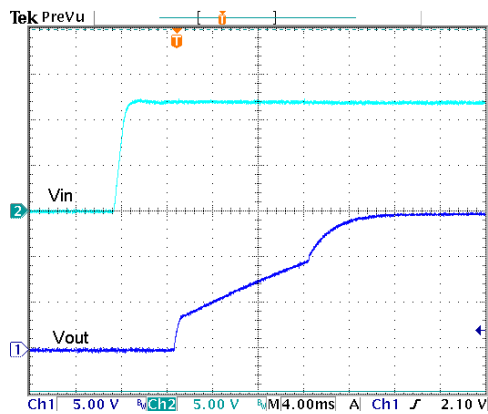
All test conditions are at 25°C. The figures are identical for MPP10-12D15



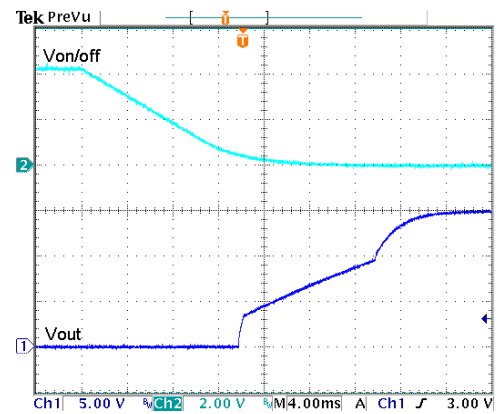
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



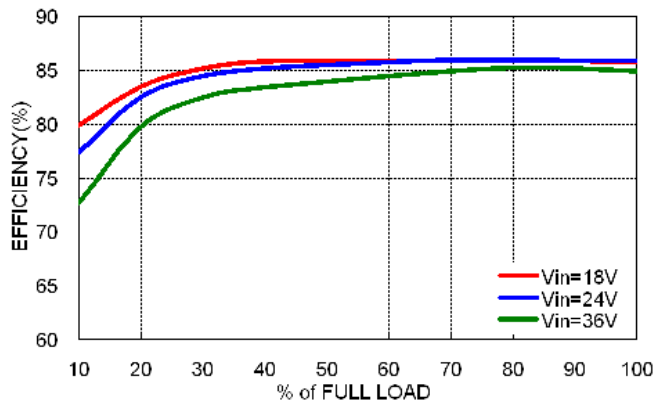
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



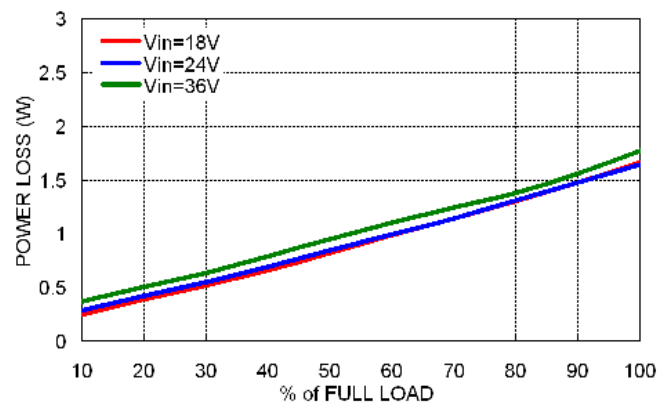
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

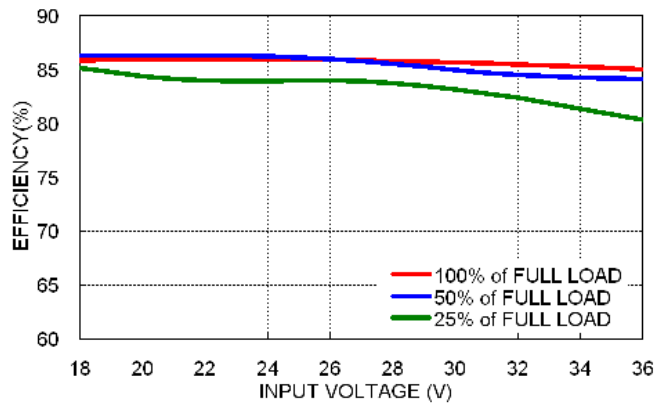
All test conditions are at 25°C. The figures are identical for MPP10-24D05



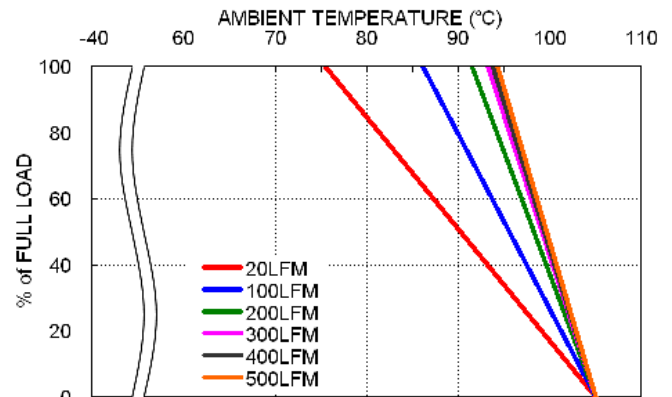
Efficiency versus Output Load



Power Dissipation versus Output Load



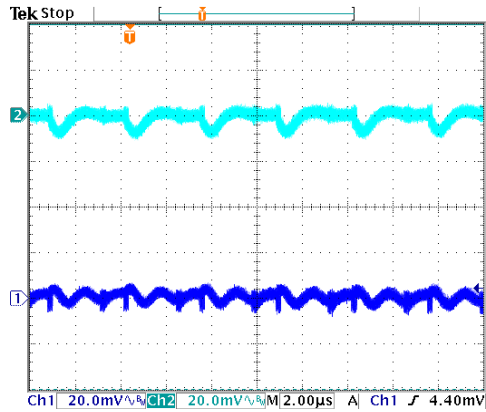
Efficiency versus Input Voltage  
Full Load



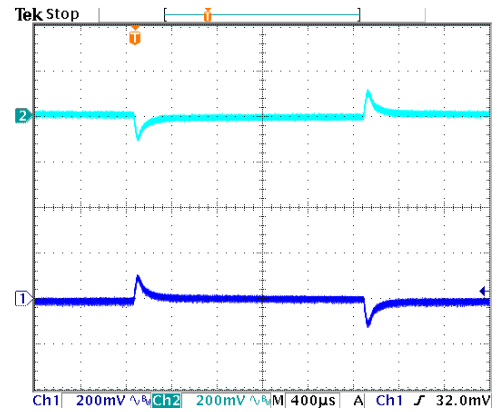
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

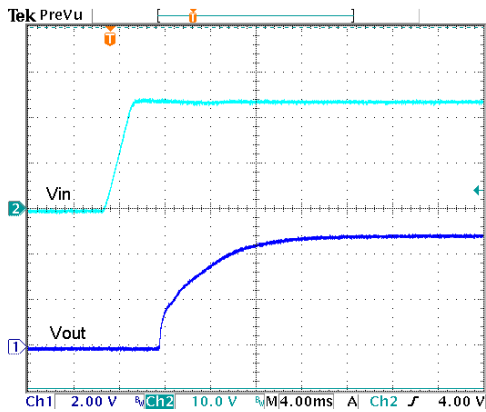
All test conditions are at 25°C. The figures are identical for MPP10-24D05



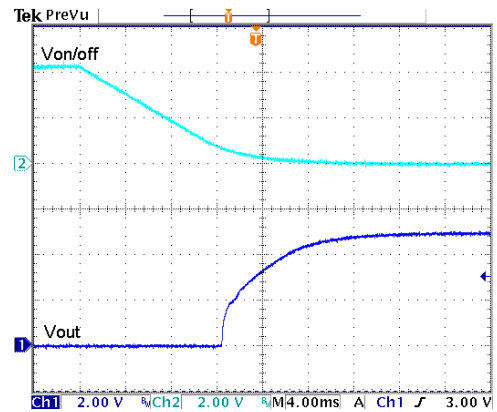
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



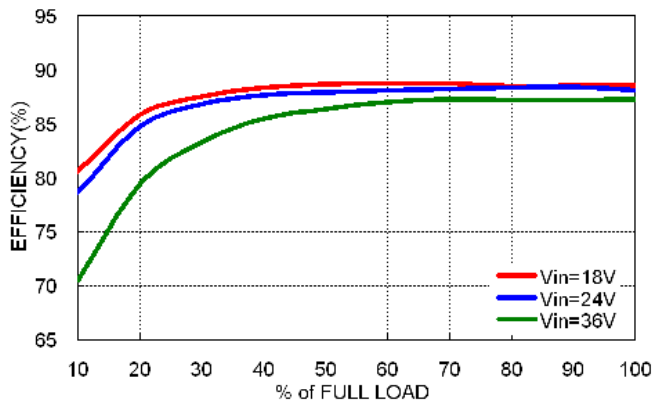
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



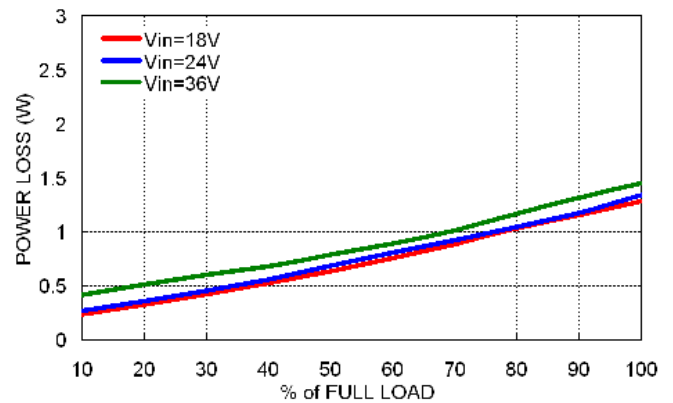
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

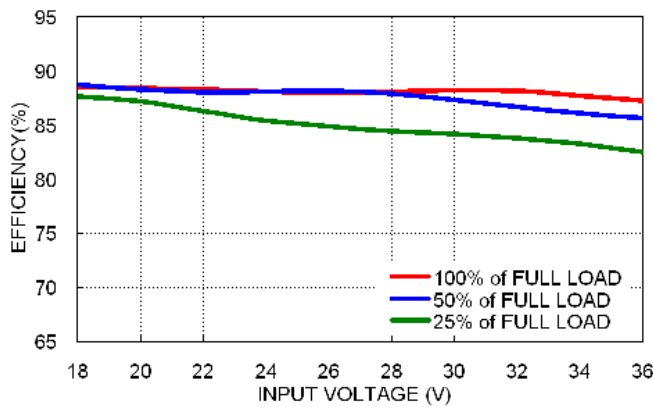
All test conditions are at 25°C. The figures are identical for MPP10-24D12



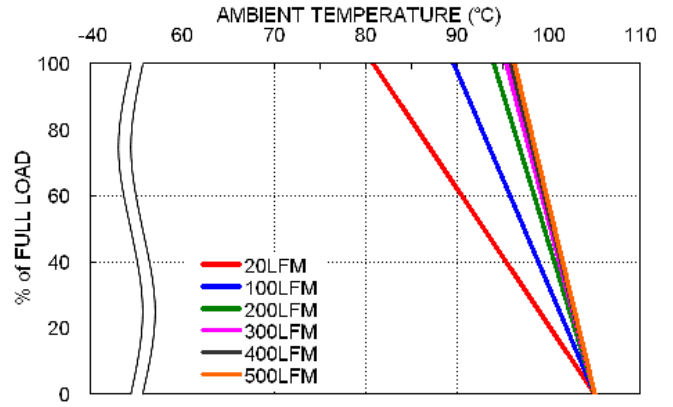
Efficiency versus Output Load



Power Dissipation versus Output Load



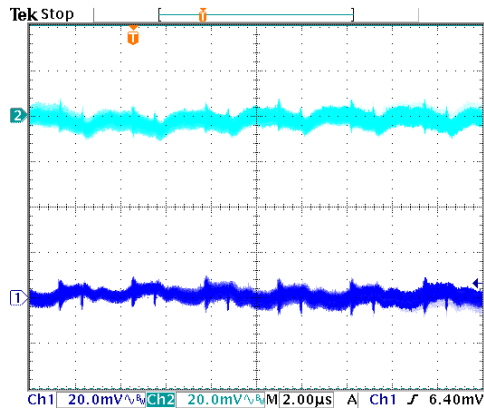
Efficiency versus Input Voltage  
Full Load



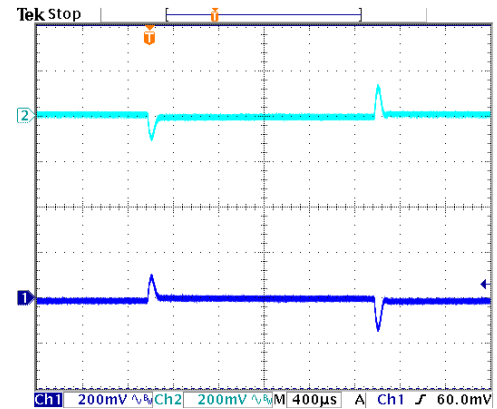
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

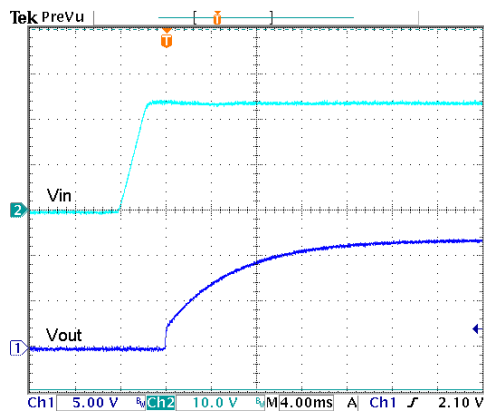
All test conditions are at 25°C. The figures are identical for MPP10-24D12



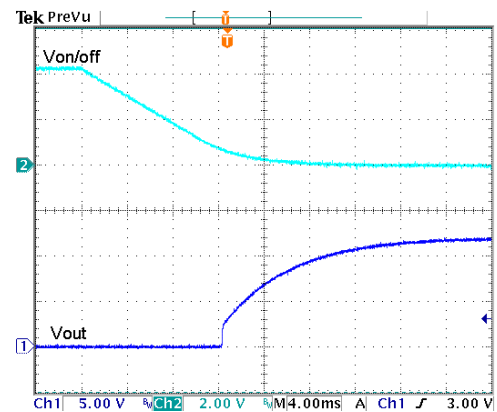
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

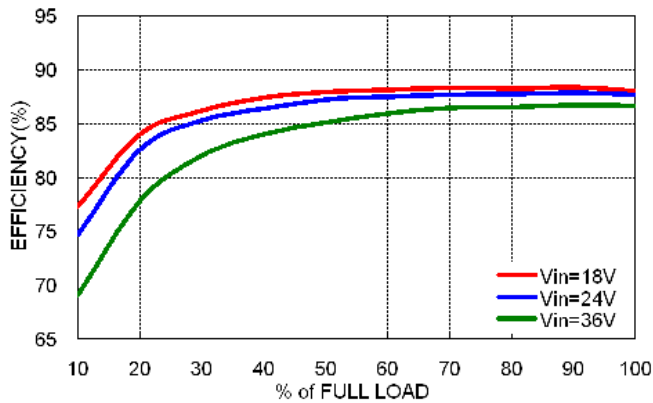


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

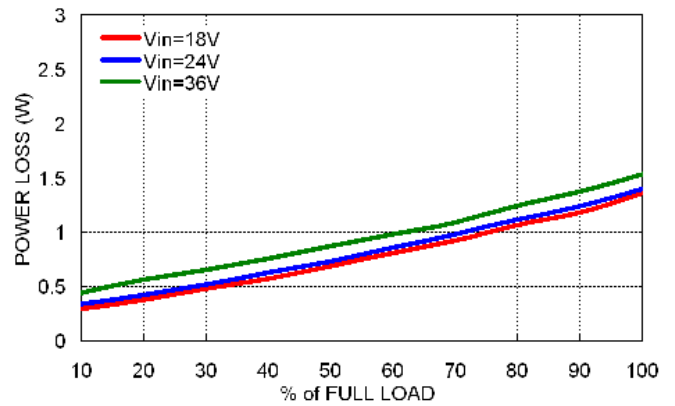


### Characteristic Curves (Continued)

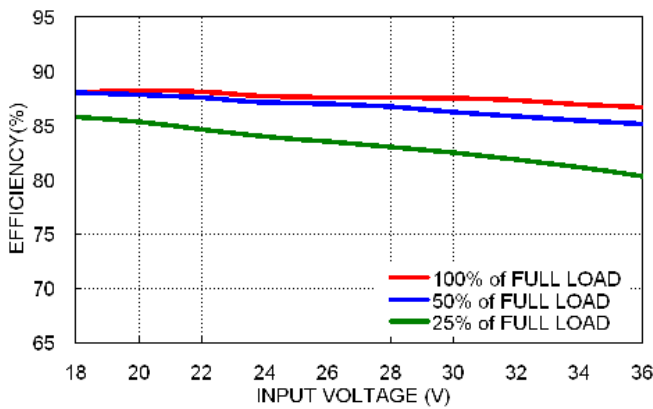
All test conditions are at 25°C. The figures are identical for MPP10-24D15



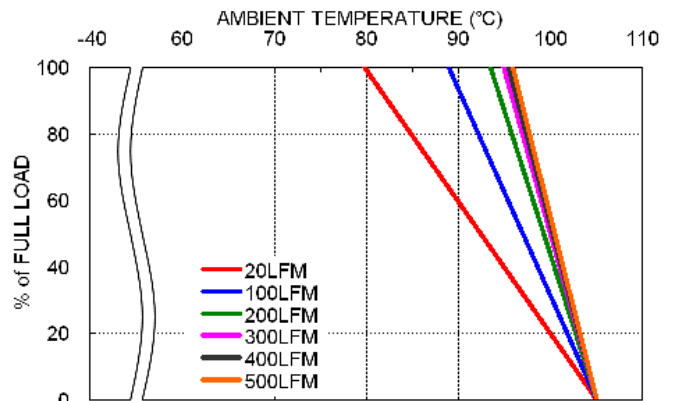
Efficiency versus Output Load



Power Dissipation versus Output Load



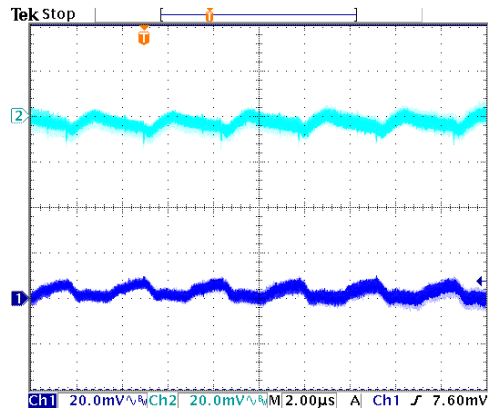
Efficiency versus Input Voltage  
Full Load



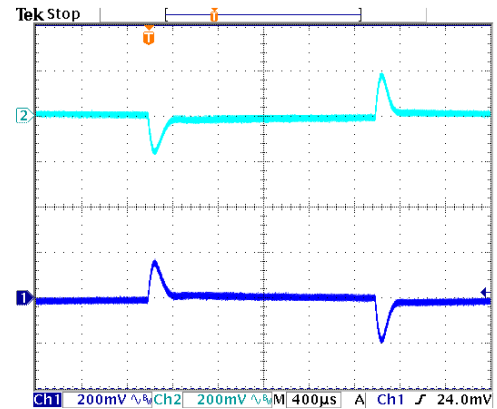
Derating Output Load versus Ambient Temperature and Airflow  
 $V_{in}(\text{nom})$

## Characteristic Curves (Continued)

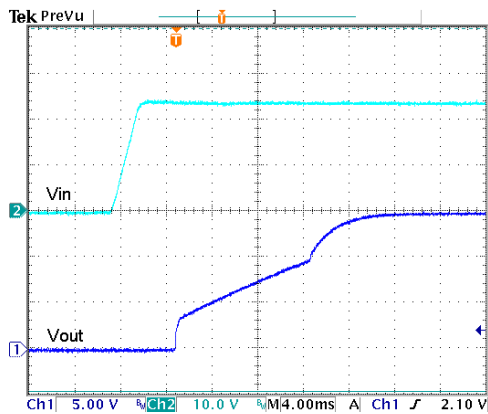
All test conditions are at 25°C. The figures are identical for MPP10-24D15



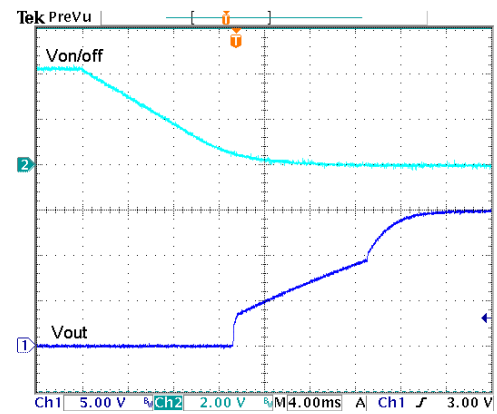
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



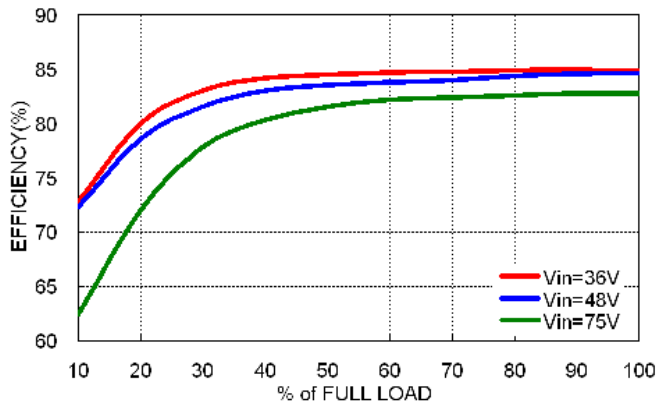
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



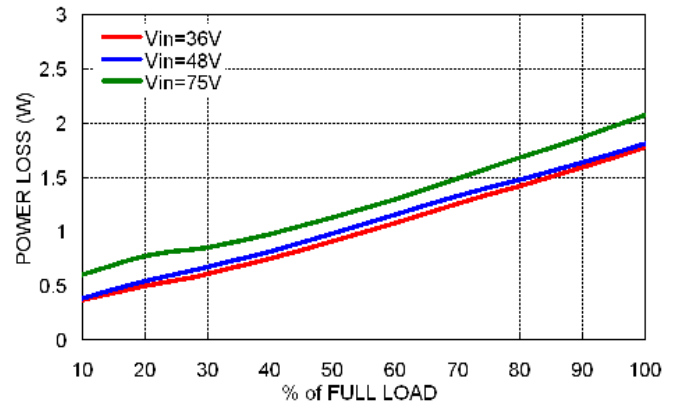
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

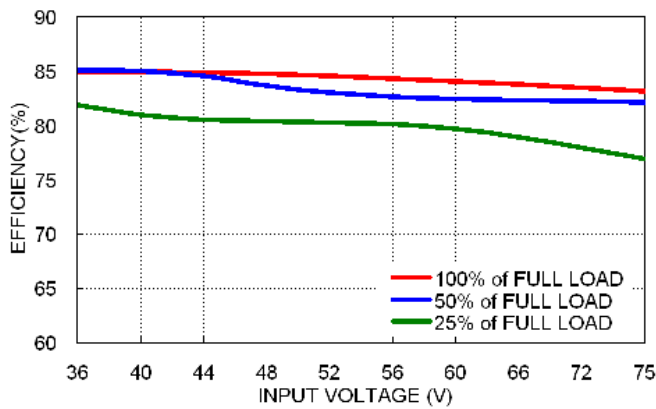
All test conditions are at 25°C. The figures are identical for MPP10-48D05



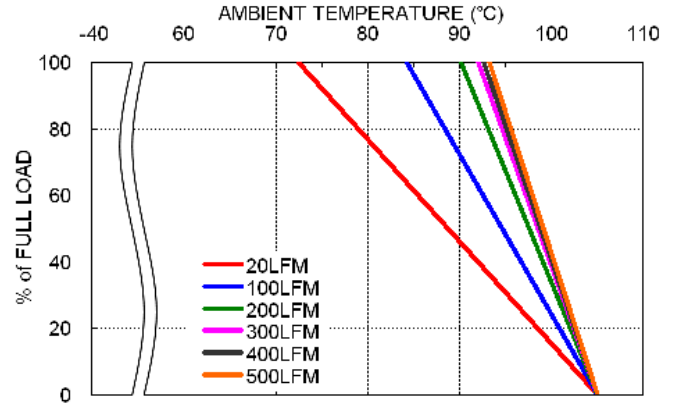
Efficiency versus Output Load



Power Dissipation versus Output Load



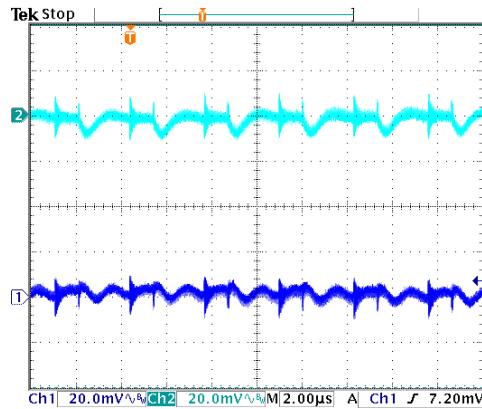
Efficiency versus Input Voltage  
Full Load



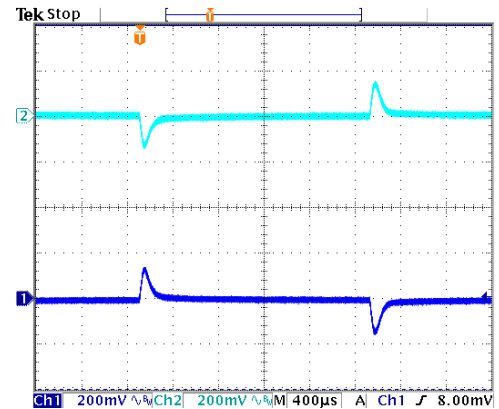
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

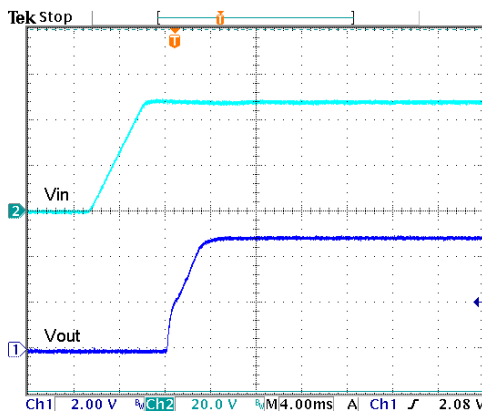
All test conditions are at 25°C. The figures are identical for MPP10-48D05



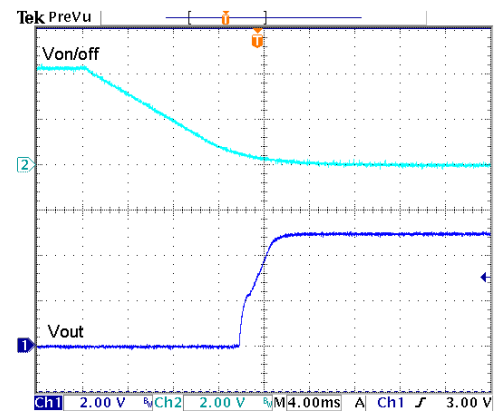
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



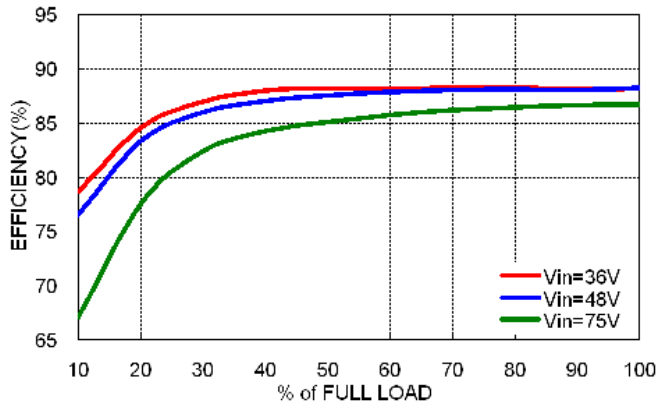
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



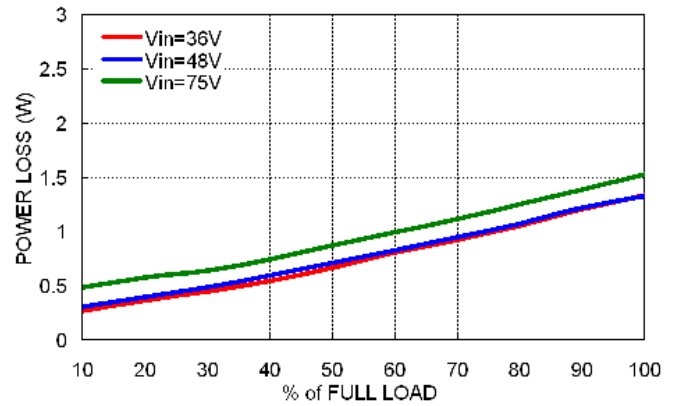
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

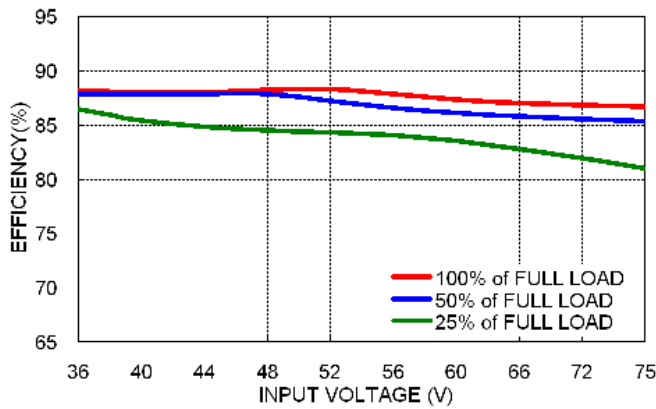
All test conditions are at 25°C. The figures are identical for MPP10-48D12



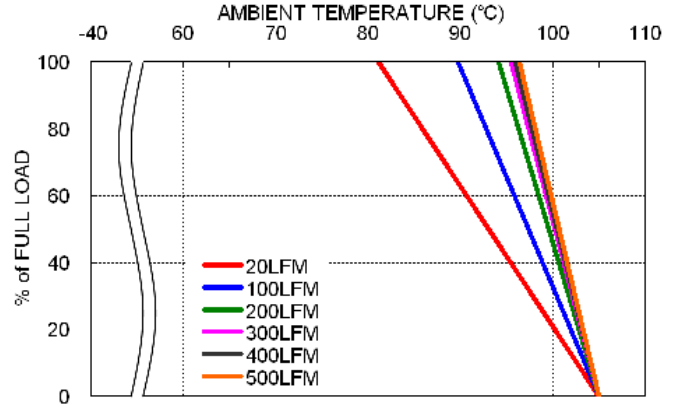
Efficiency versus Output Load



Power Dissipation versus Output Load



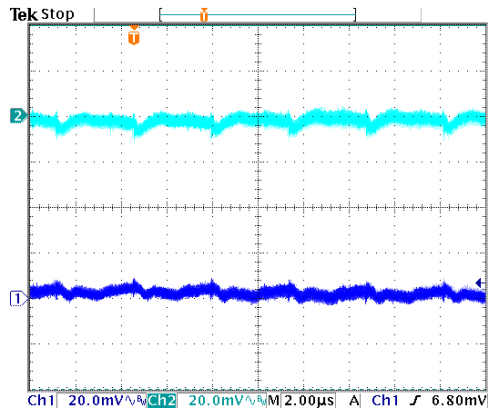
Efficiency versus Input Voltage  
Full Load



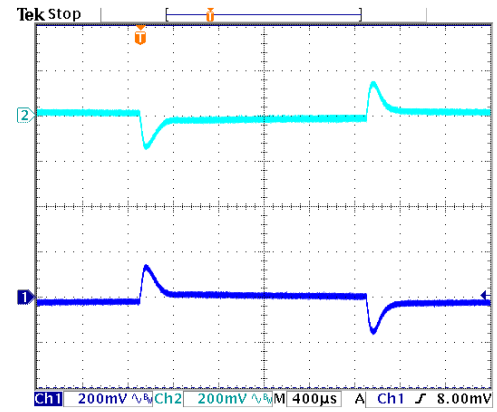
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

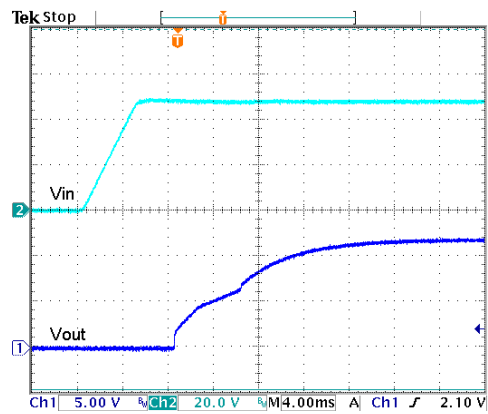
All test conditions are at 25°C. The figures are identical for MPP10-48D12



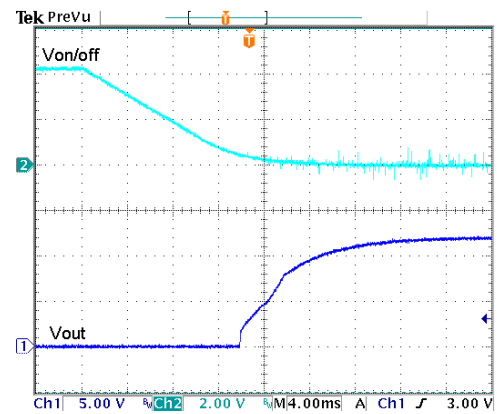
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



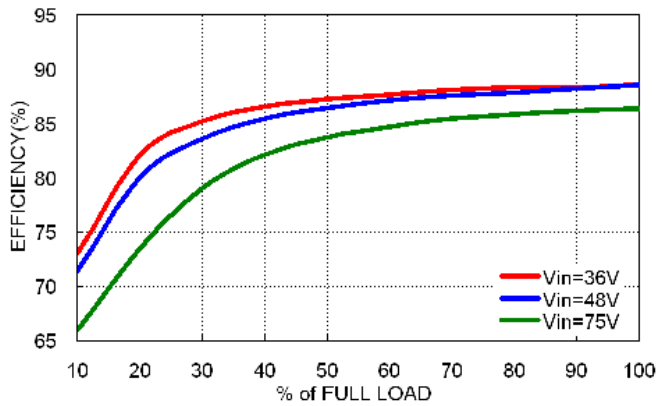
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



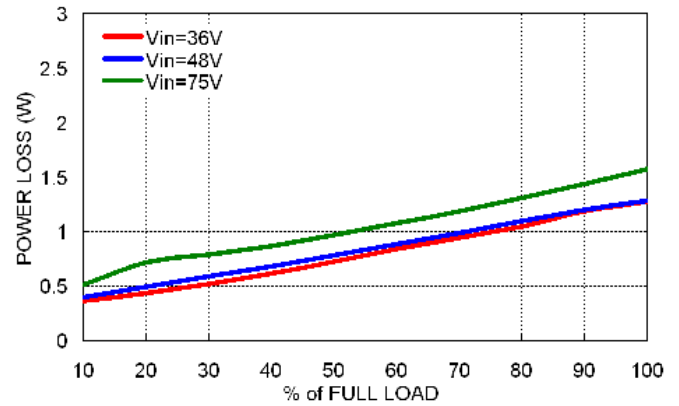
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

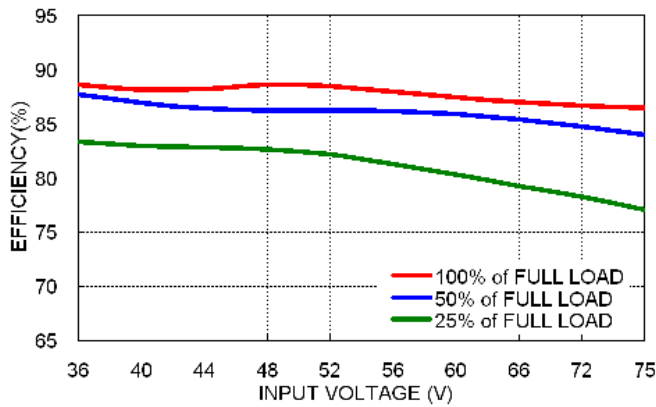
All test conditions are at 25°C. The figures are identical for MPP10-48D15



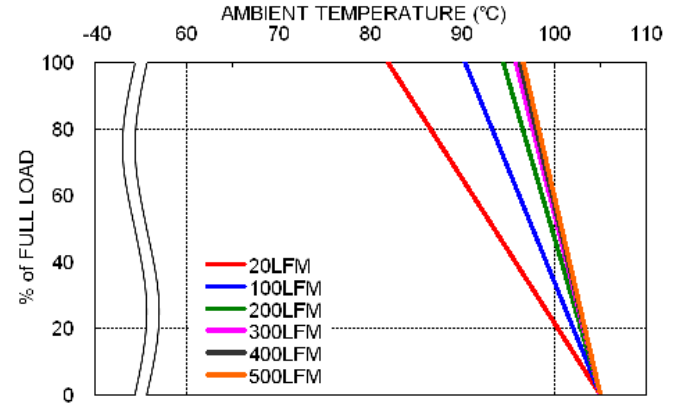
Efficiency versus Output Load



Power Dissipation versus Output Load



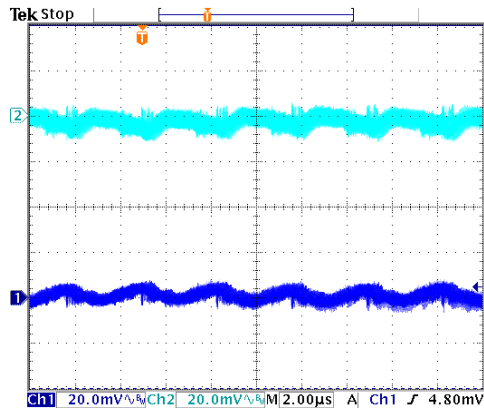
Efficiency versus Input Voltage  
Full Load



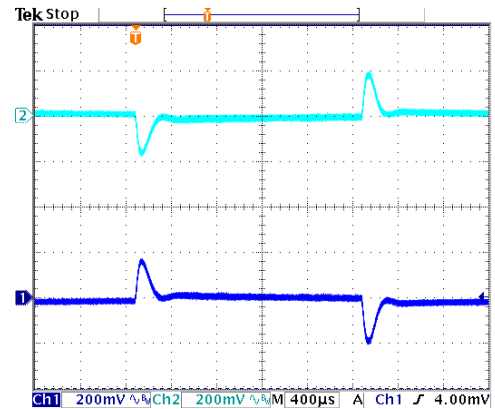
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

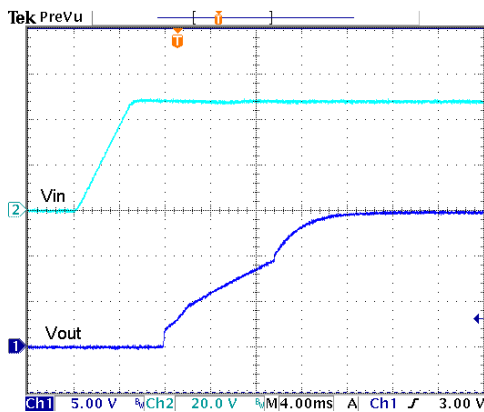
All test conditions are at 25°C. The figures are identical for MPP10-48D15



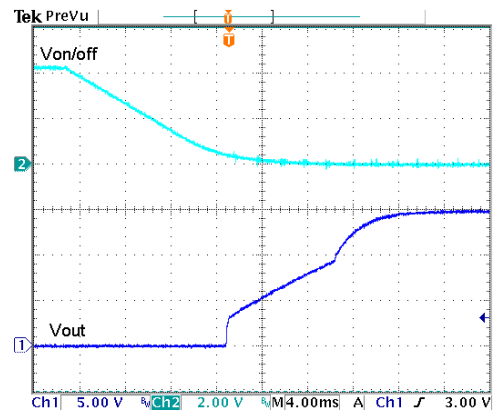
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

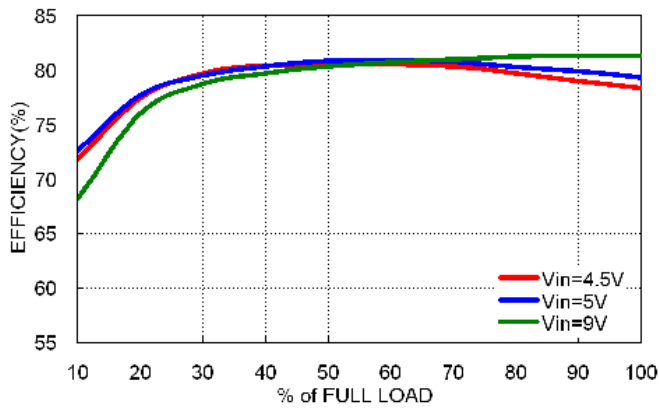


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

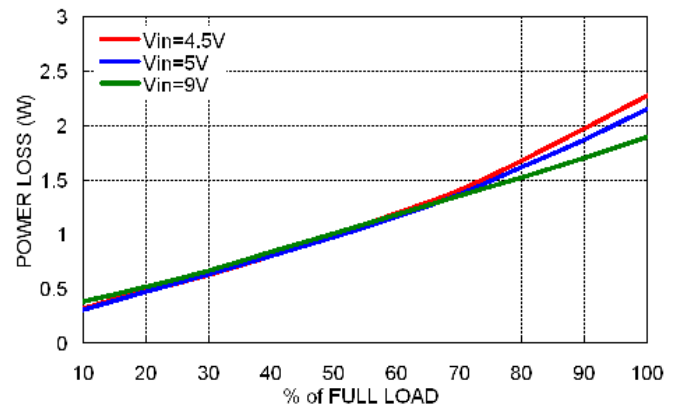


### Characteristic Curves (Continued)

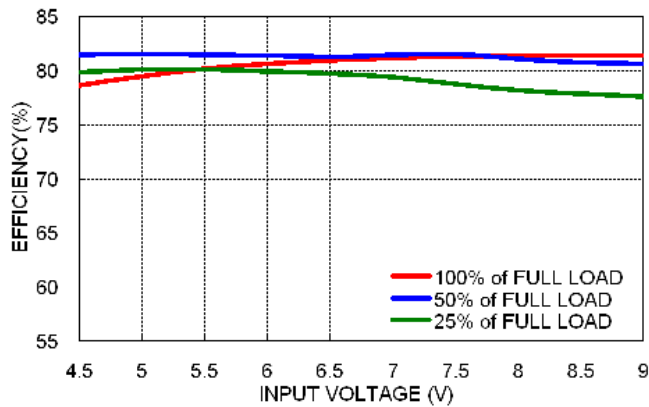
All test conditions are at 25°C. The figures are identical for MPP10-05S3P3



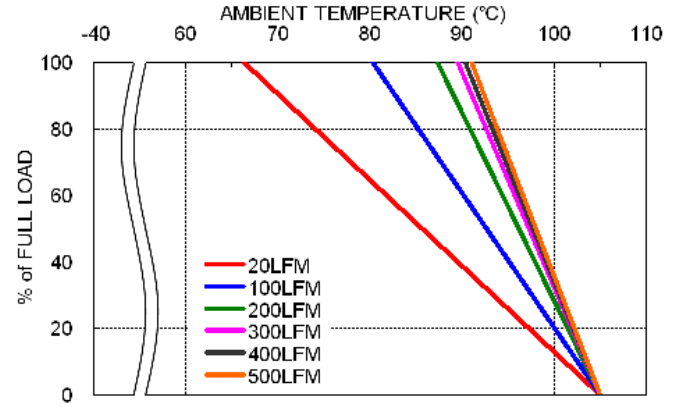
Efficiency versus Output Load



Power Dissipation versus Output Load



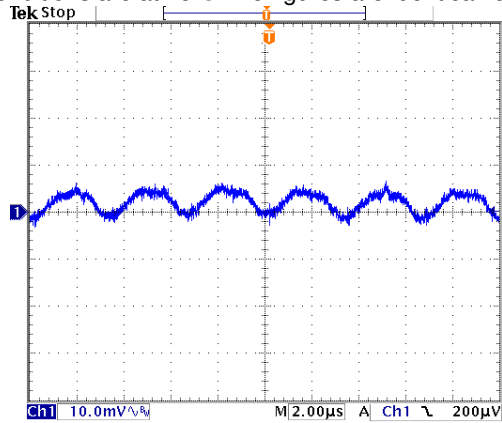
Efficiency versus Input Voltage  
Full Load



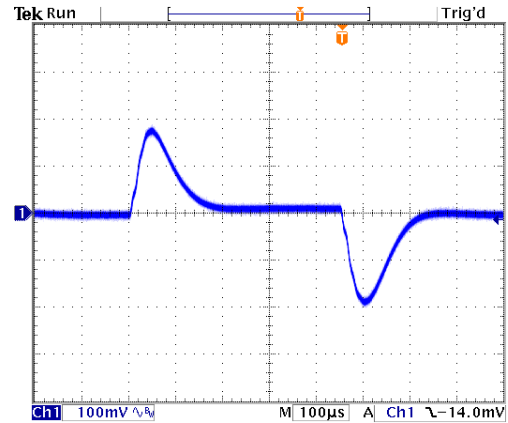
Derating Output Load versus Ambient Temperature and Airflow  
 $V_{in}(\text{nom})$

## Characteristic Curves (Continued)

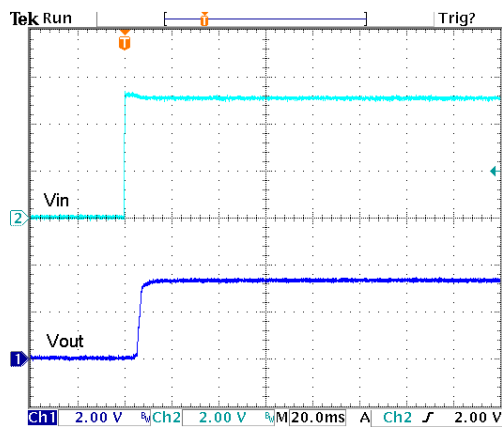
All test conditions are at 25°C. The figures are identical for MPP10-05S3P3



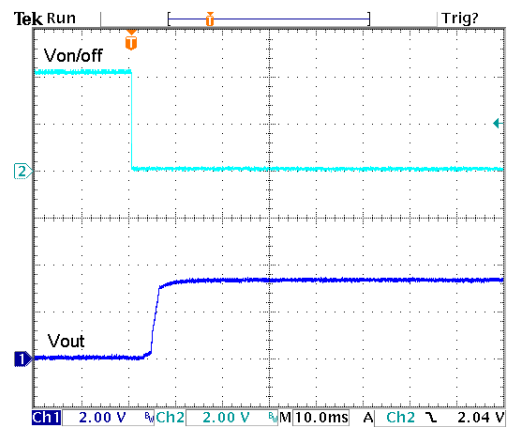
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



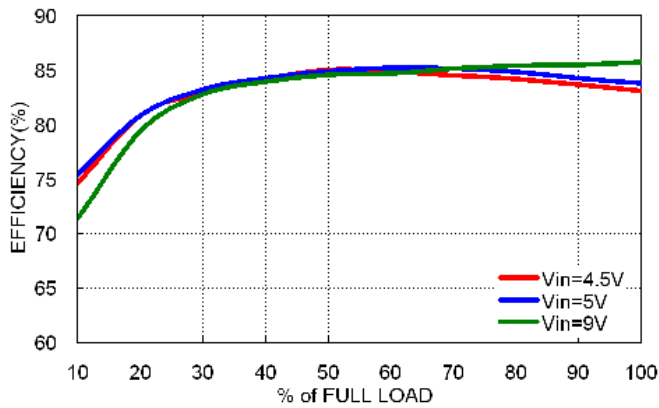
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



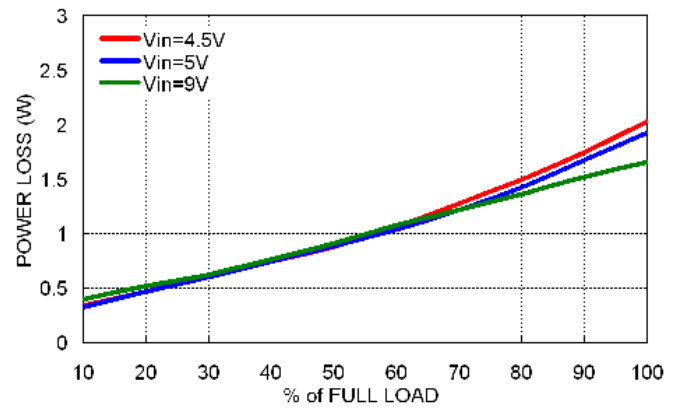
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

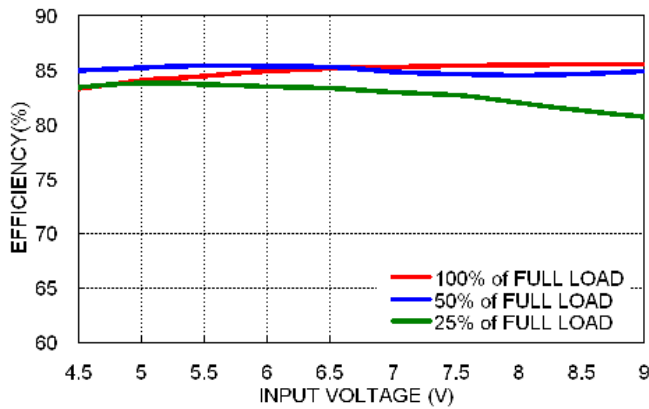
All test conditions are at 25°C. The figures are identical for MPP10-05S05



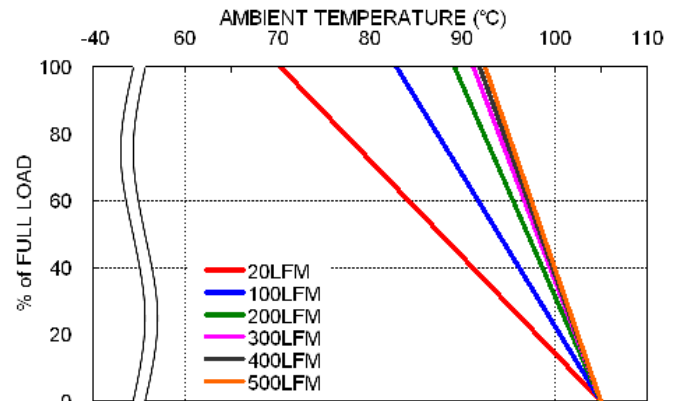
Efficiency versus Output Load



Power Dissipation versus Output Load



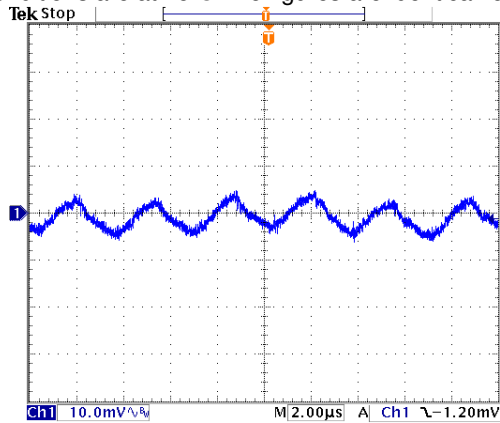
Efficiency versus Input Voltage  
Full Load



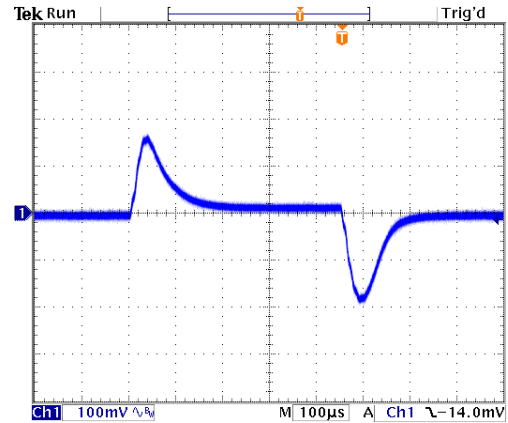
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

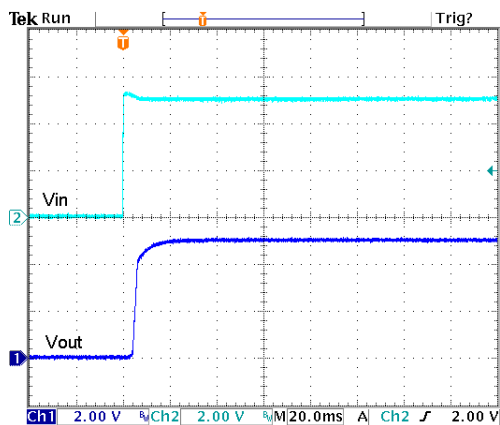
All test conditions are at 25°C. The figures are identical for MPP10-05S05



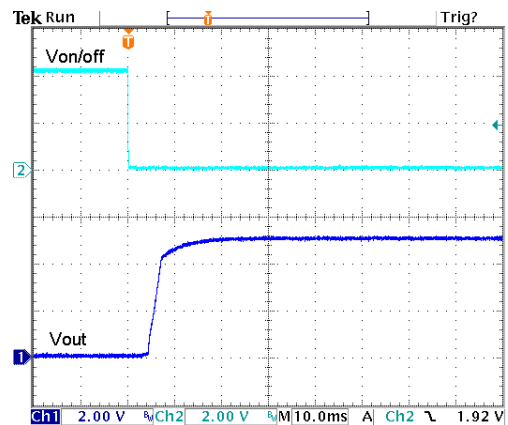
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



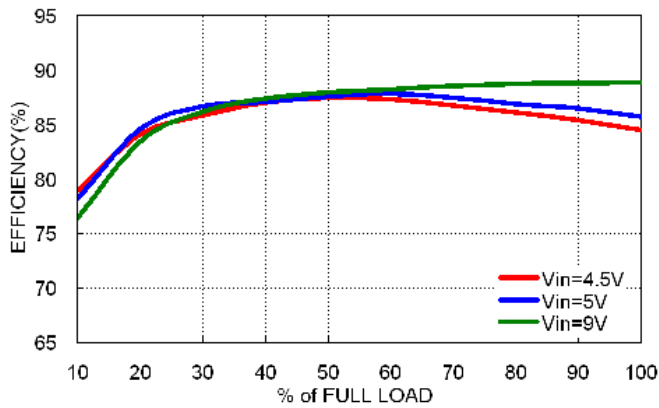
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



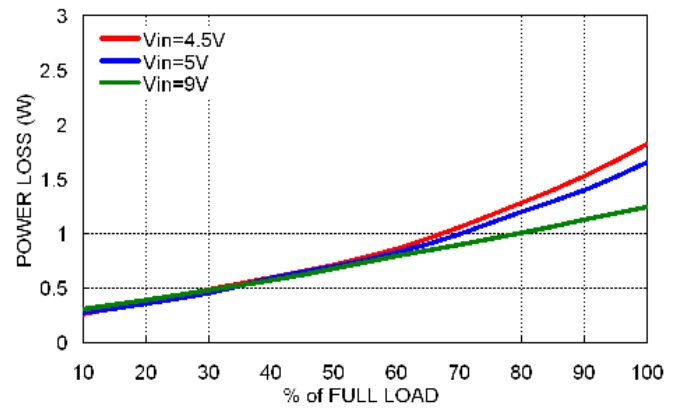
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

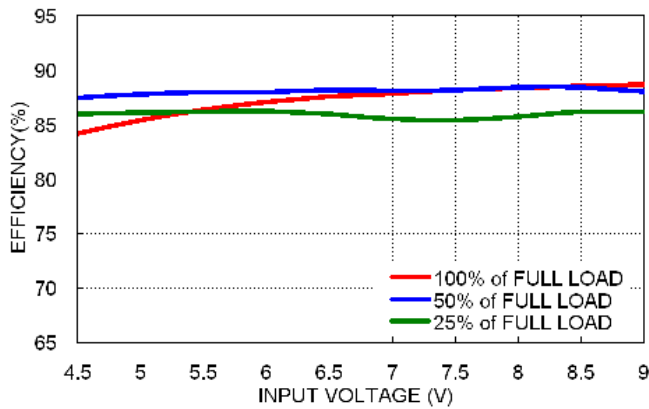
All test conditions are at 25°C. The figures are identical for MPP10-05S12



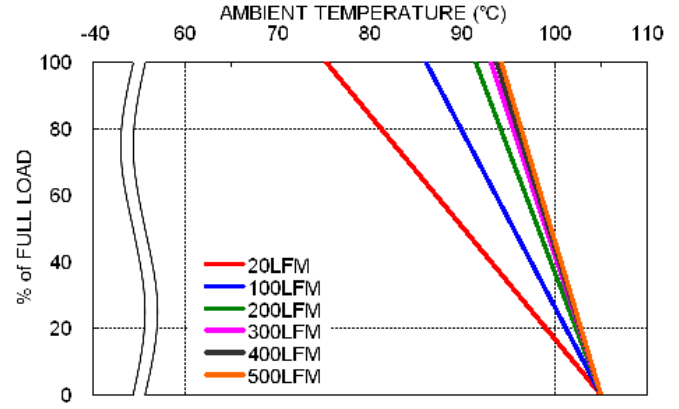
Efficiency versus Output Load



Power Dissipation versus Output Load



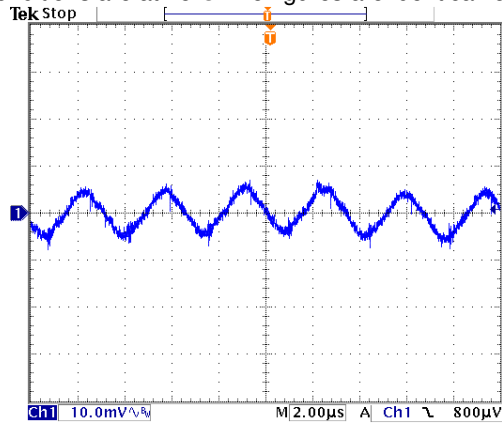
Efficiency versus Input Voltage  
Full Load



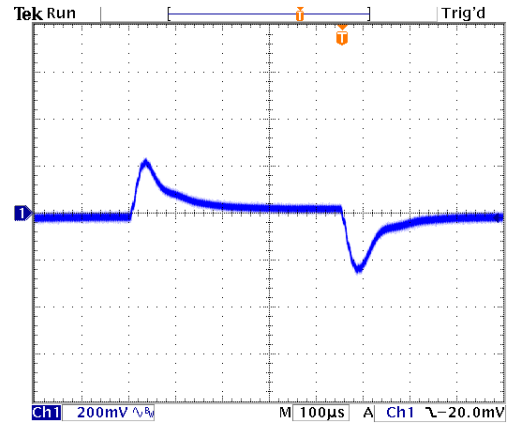
Derating Output Load versus Ambient Temperature and Airflow  
 $V_{in}(\text{nom})$

## Characteristic Curves (Continued)

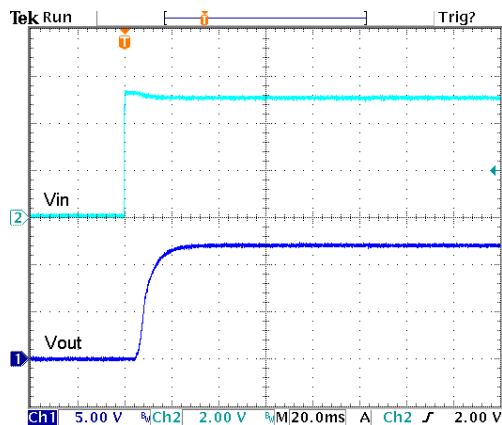
All test conditions are at 25°C. The figures are identical for MPP10-05S12



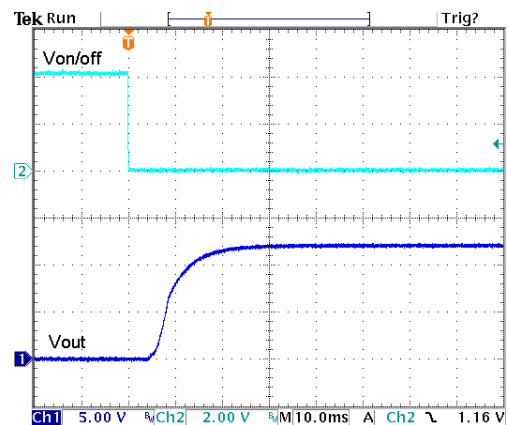
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



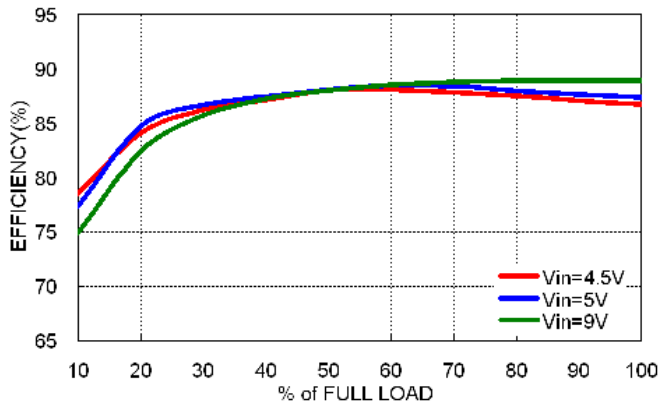
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



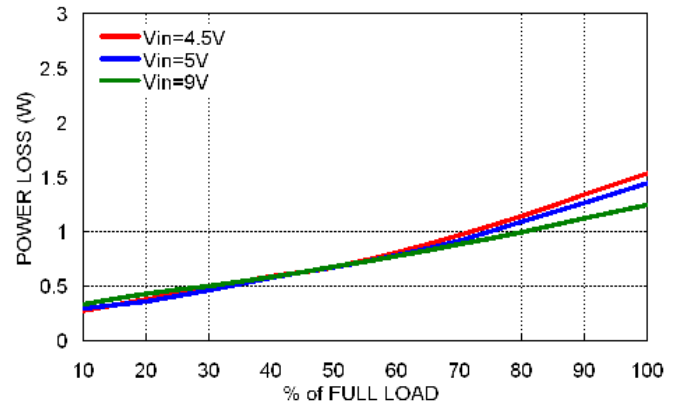
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

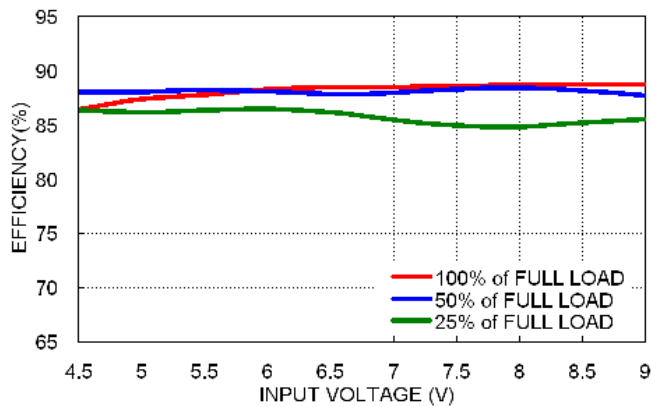
All test conditions are at 25°C. The figures are identical for MPP10-05S15



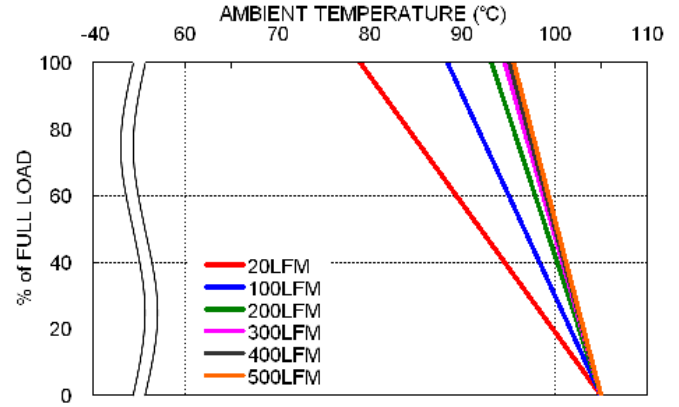
Efficiency versus Output Load



Power Dissipation versus Output Load



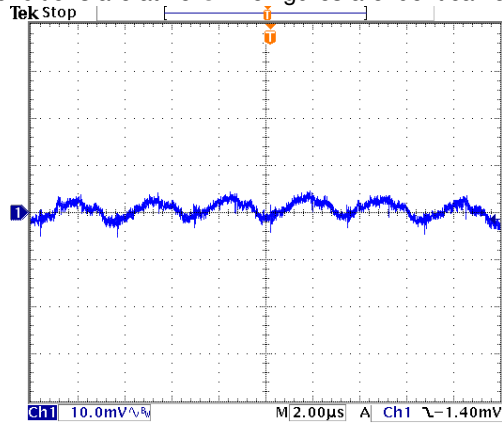
Efficiency versus Input Voltage  
Full Load



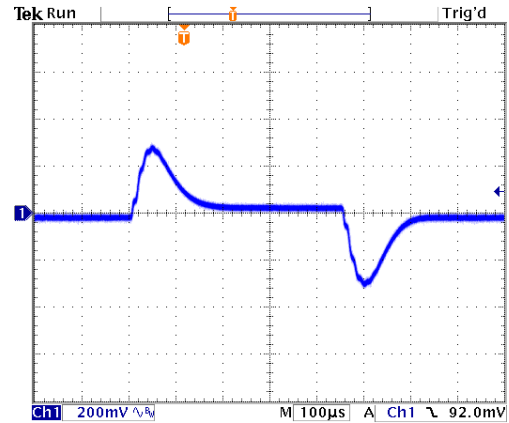
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

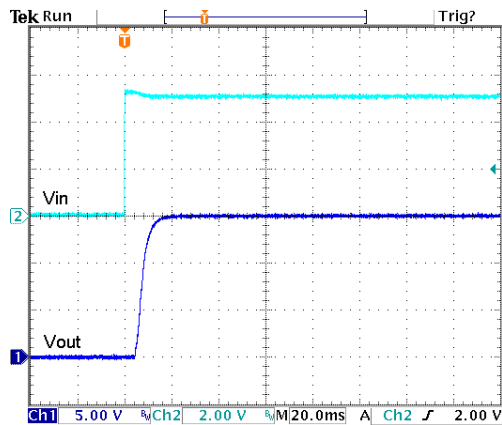
All test conditions are at 25°C. The figures are identical for MPP10-05S15



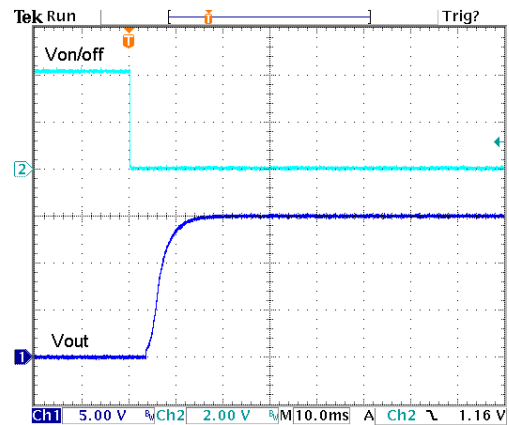
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

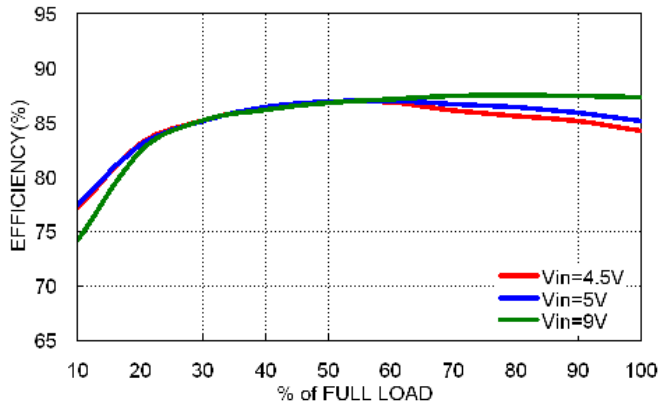


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

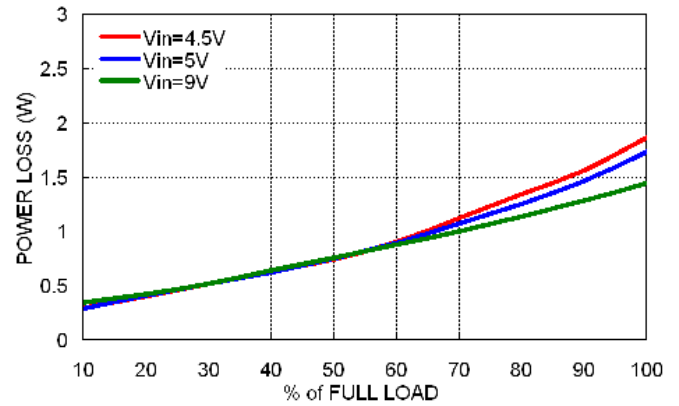


### Characteristic Curves (Continued)

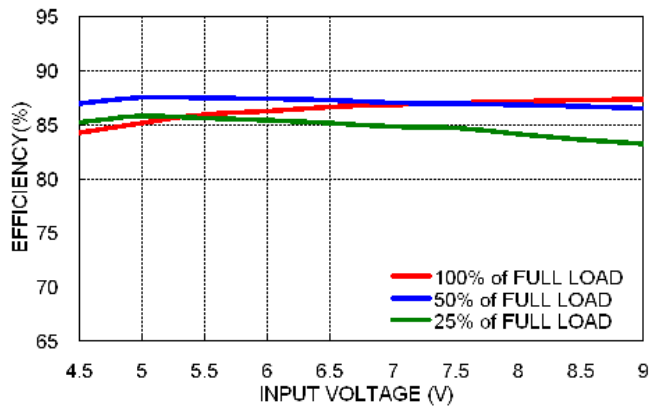
All test conditions are at 25°C. The figures are identical for MPP10-05S24



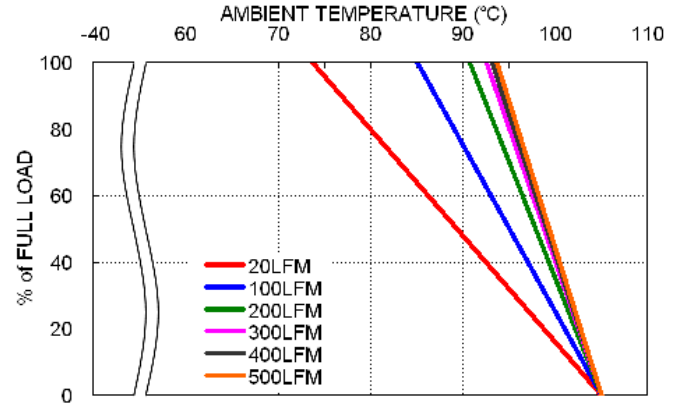
Efficiency versus Output Load



Power Dissipation versus Output Load



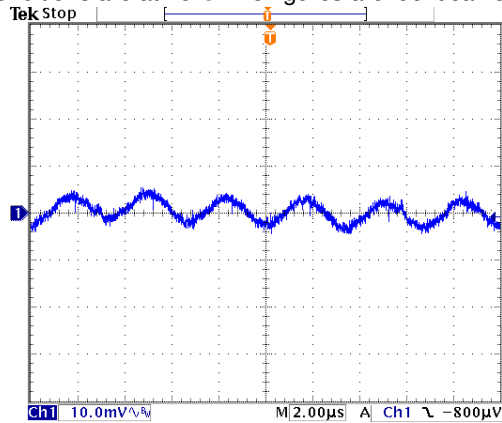
Efficiency versus Input Voltage  
Full Load



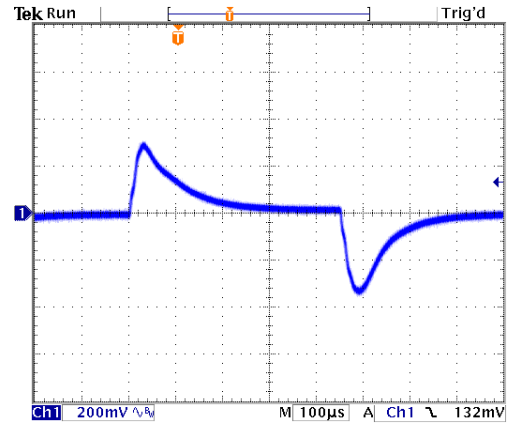
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

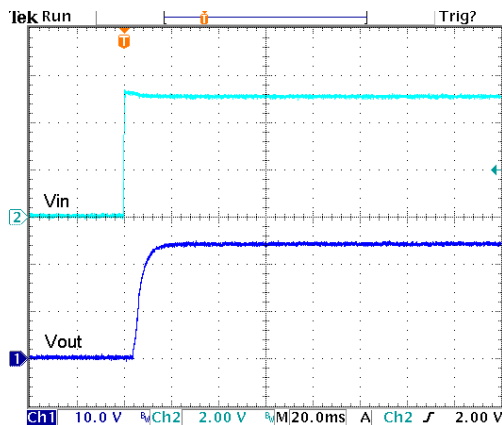
All test conditions are at 25°C. The figures are identical for MPP10-05S24



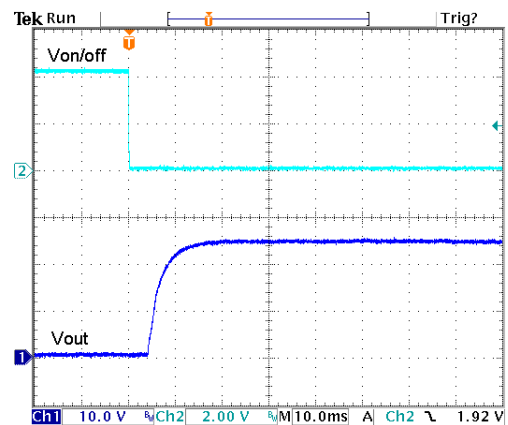
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



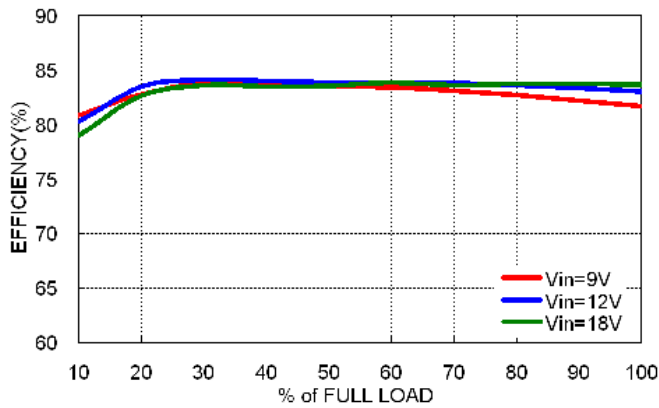
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



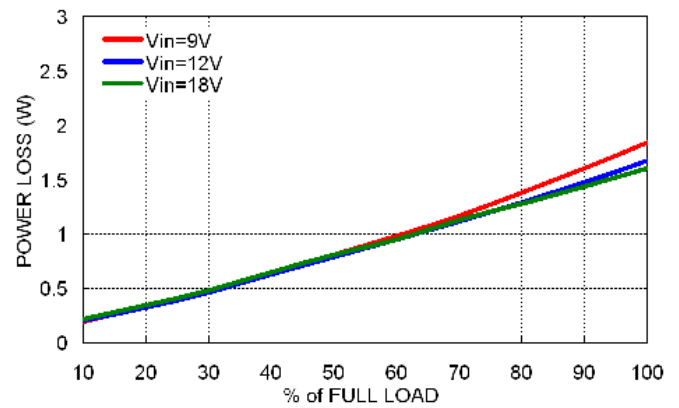
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

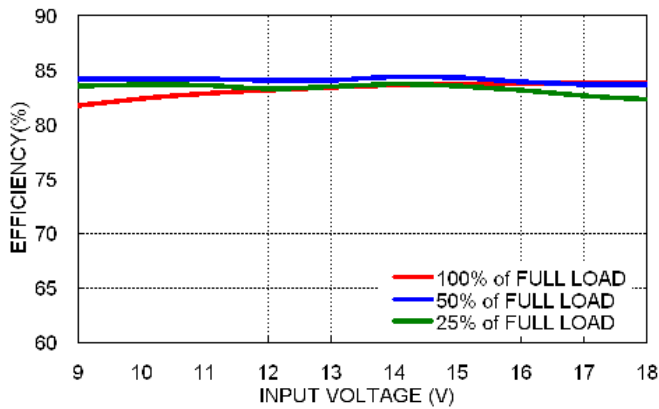
All test conditions are at 25°C. The figures are identical for MPP10-12S3P3



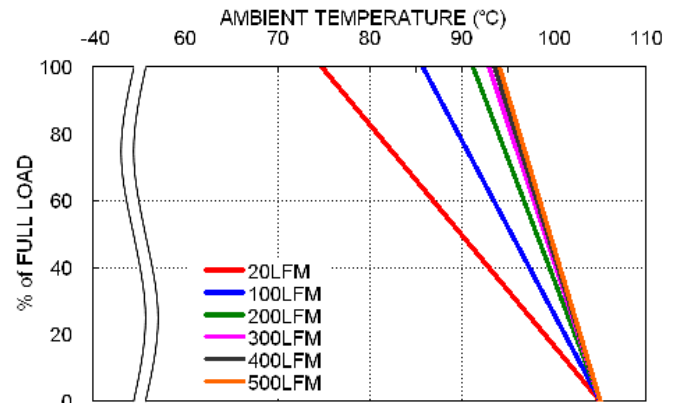
Efficiency versus Output Load



Power Dissipation versus Output Load



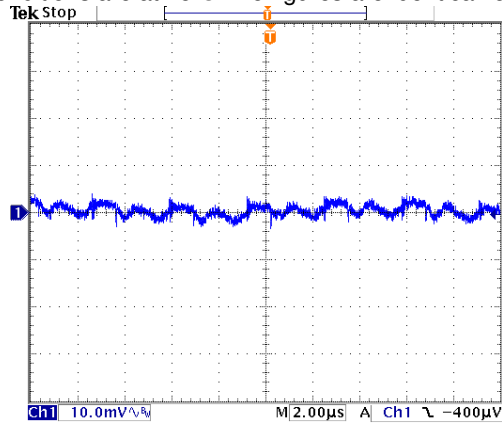
Efficiency versus Input Voltage  
Full Load



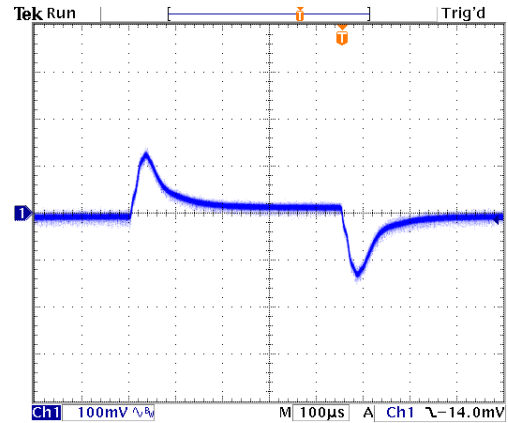
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

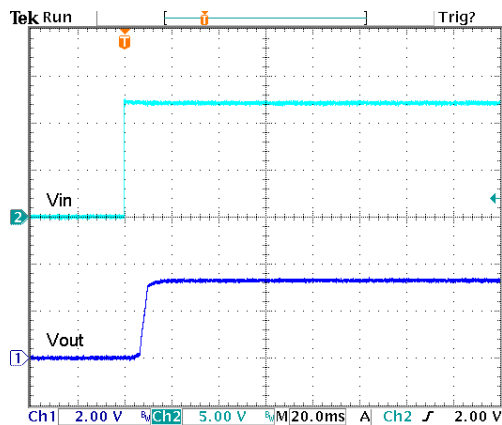
All test conditions are at 25°C. The figures are identical for MPP10-12S3P3



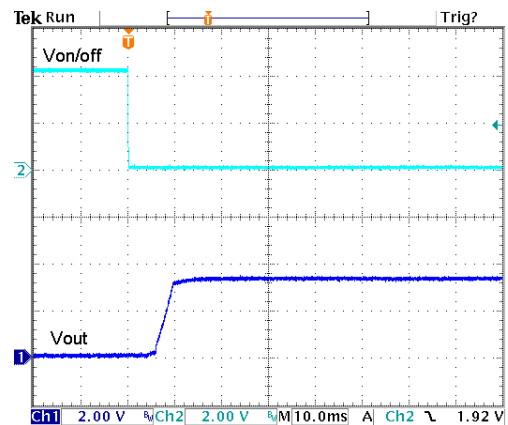
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



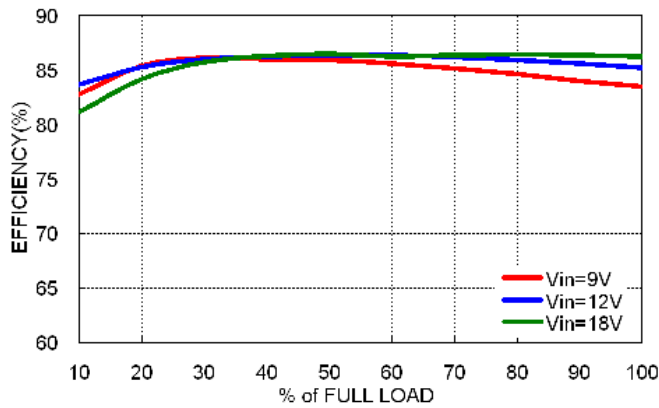
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



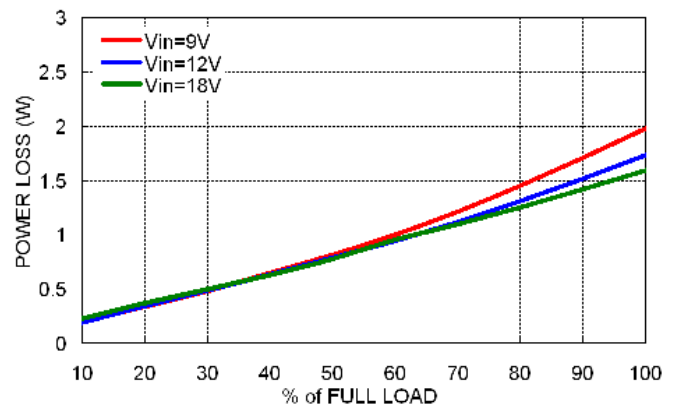
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

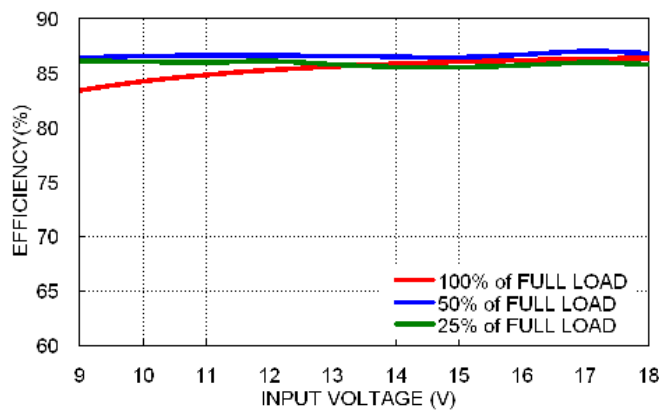
All test conditions are at 25°C. The figures are identical for MPP10-12S05



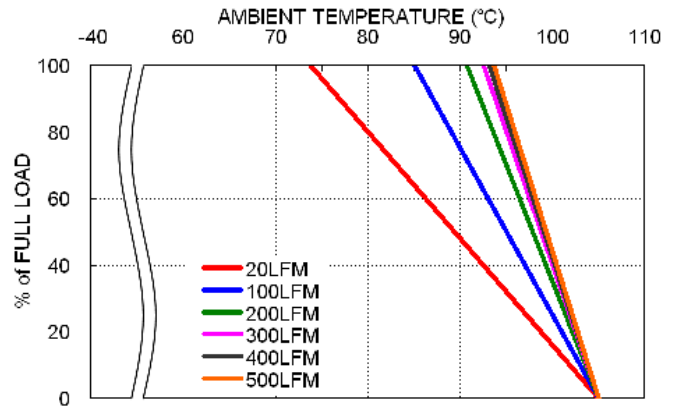
Efficiency versus Output Load



Power Dissipation versus Output Load



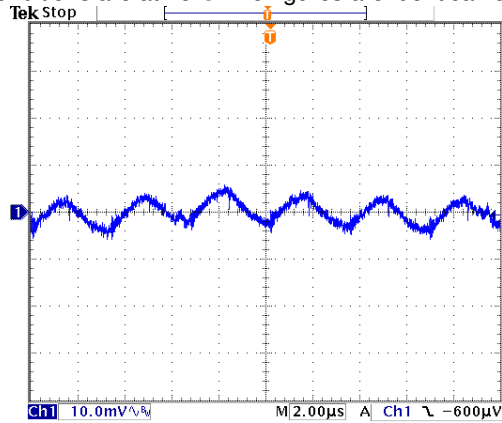
Efficiency versus Input Voltage  
Full Load



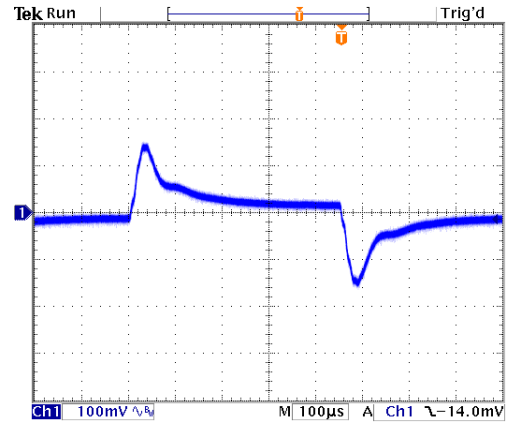
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

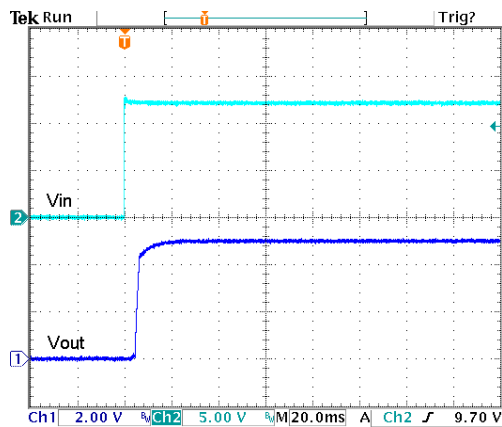
All test conditions are at 25°C. The figures are identical for MPP10-12S05



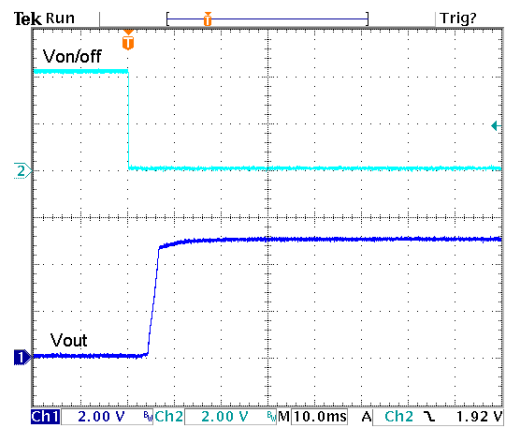
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



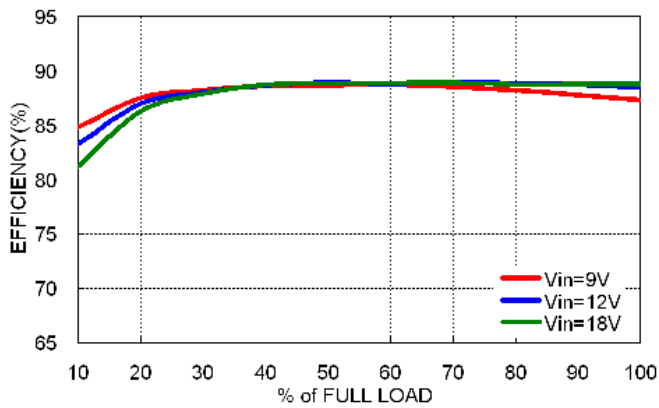
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



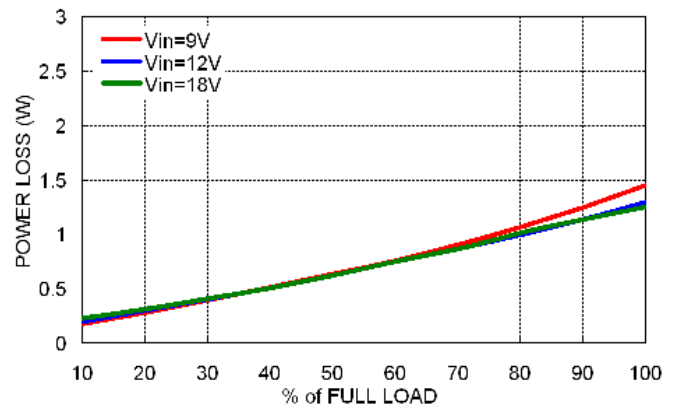
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

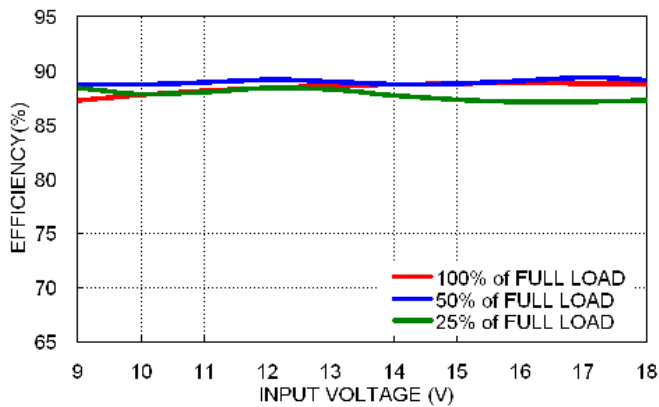
All test conditions are at 25°C. The figures are identical for MPP10-12S12



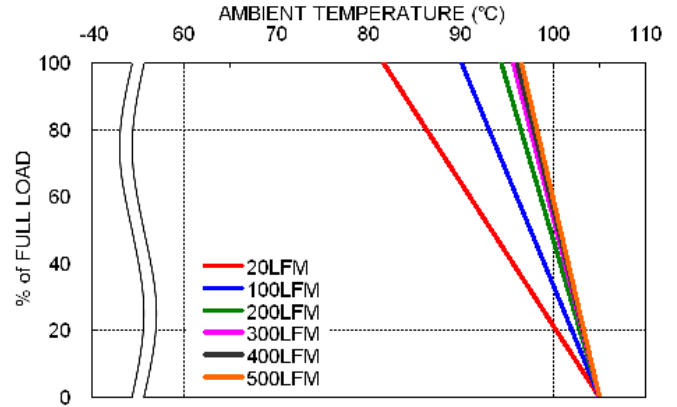
Efficiency versus Output Load



Power Dissipation versus Output Load



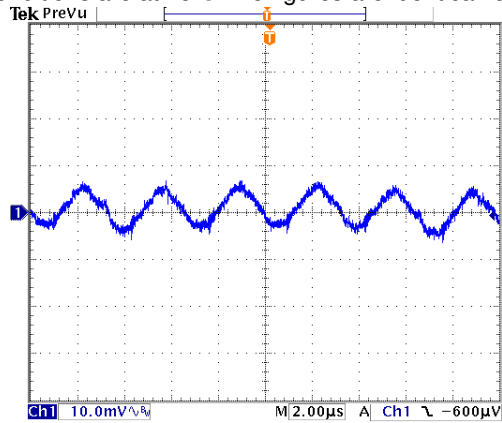
Efficiency versus Input Voltage  
Full Load



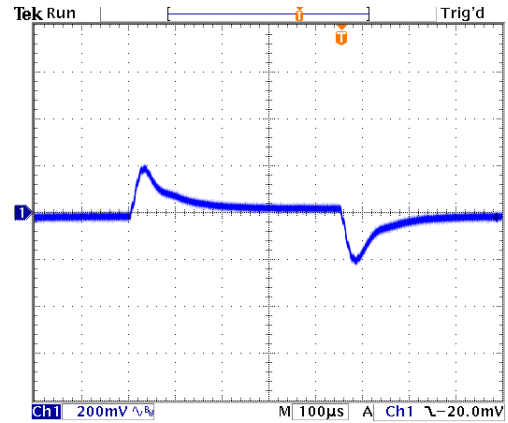
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

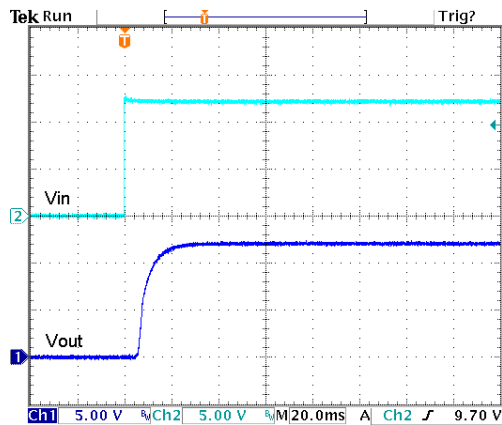
All test conditions are at 25°C. The figures are identical for MPP10-12S12



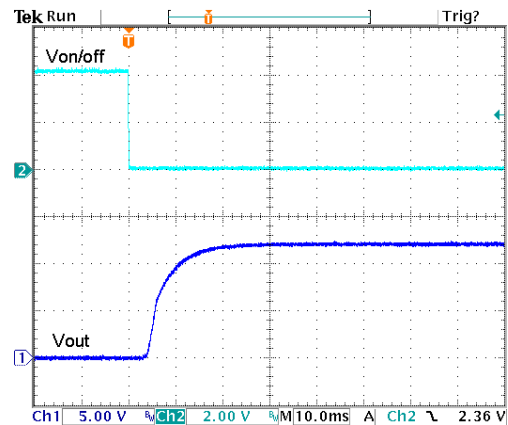
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

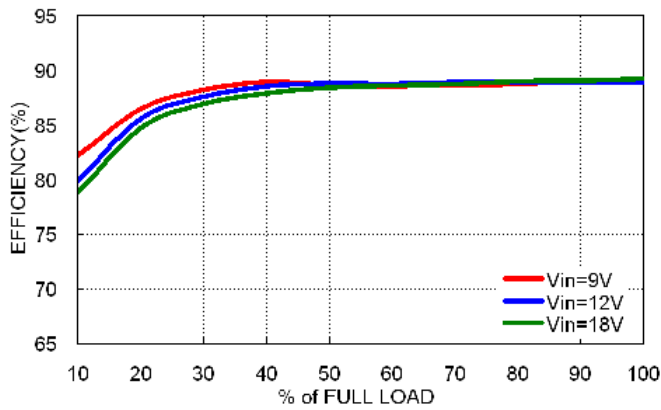


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

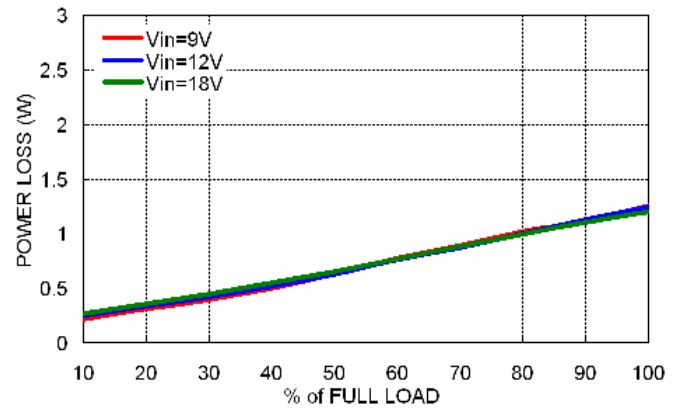


### Characteristic Curves (Continued)

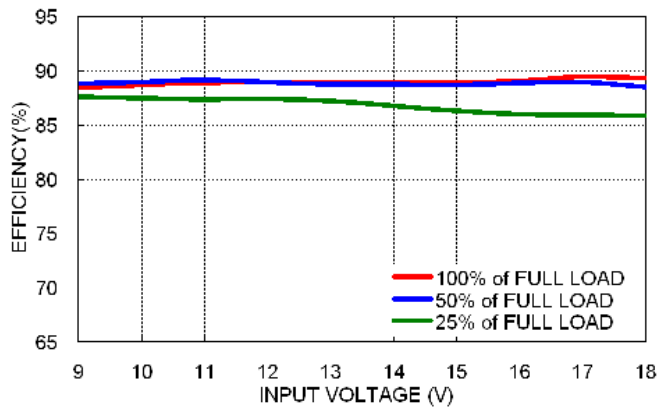
All test conditions are at 25°C. The figures are identical for MPP10-12S15



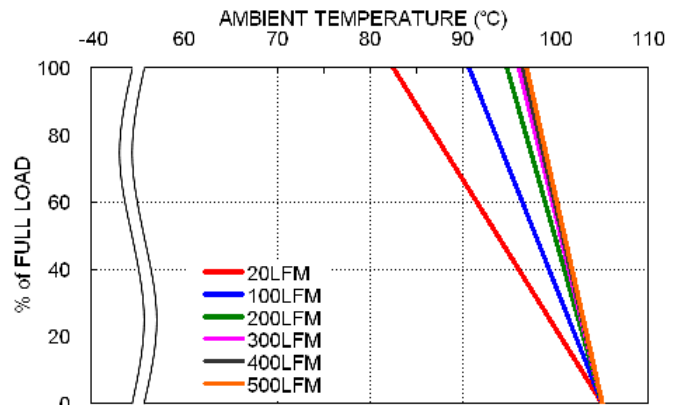
Efficiency versus Output Load



Power Dissipation versus Output Load



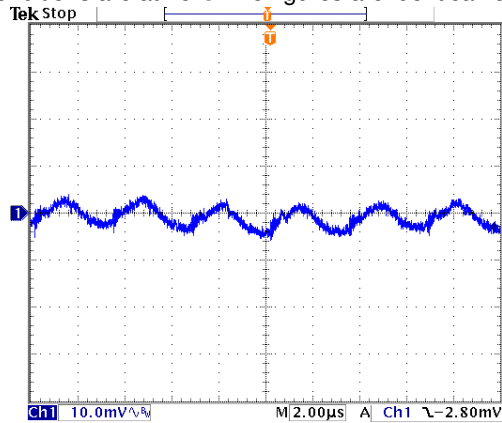
Efficiency versus Input Voltage  
Full Load



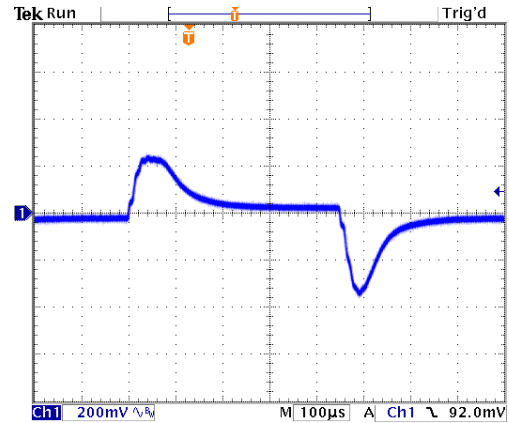
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

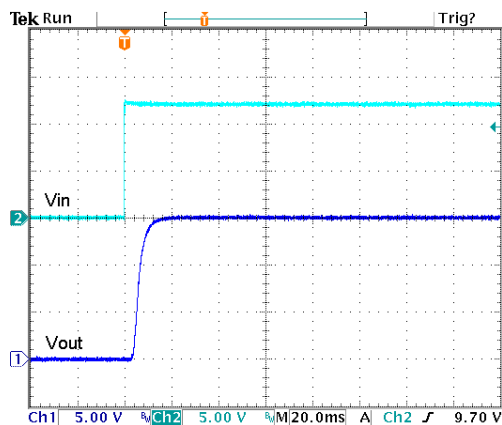
All test conditions are at 25°C. The figures are identical for MPP10-12S15



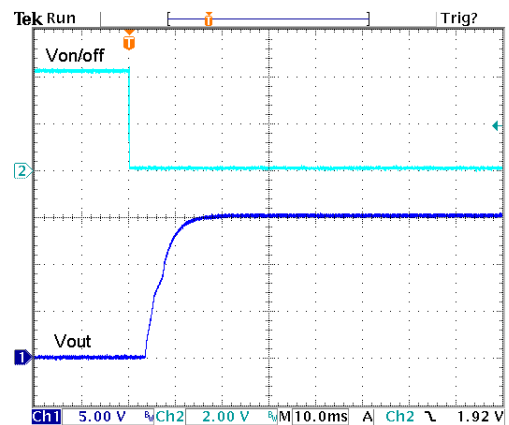
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



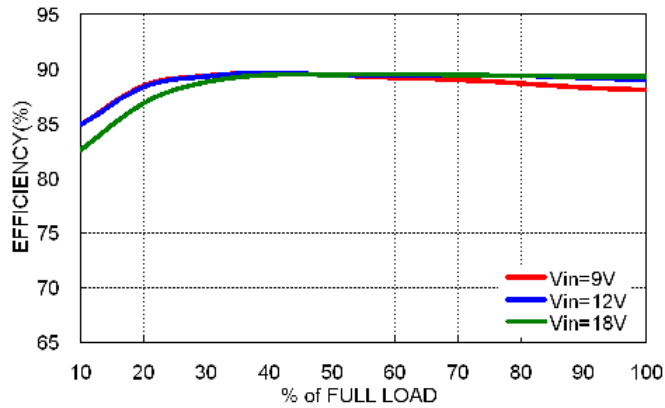
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



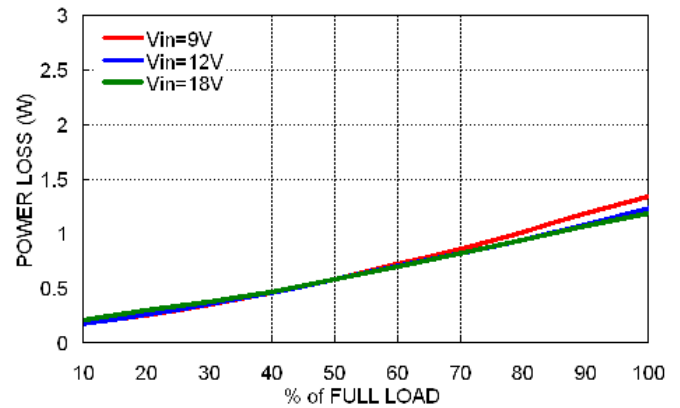
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

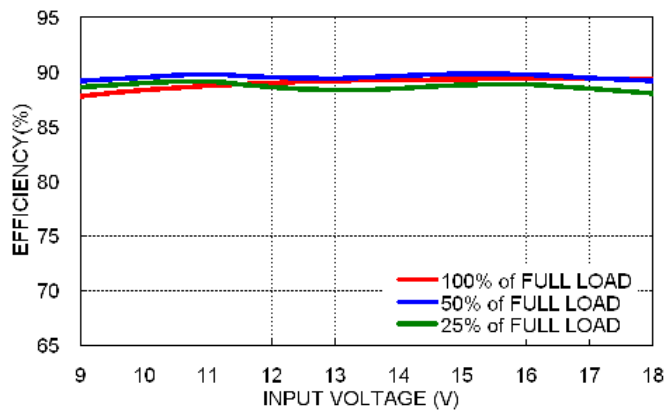
All test conditions are at 25°C. The figures are identical for MPP10-12S24



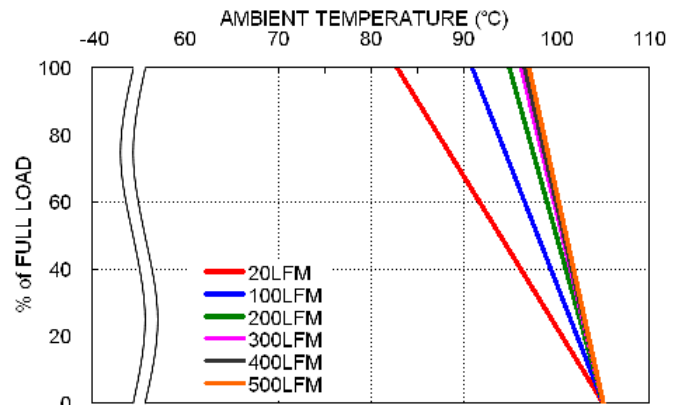
Efficiency versus Output Load



Power Dissipation versus Output Load



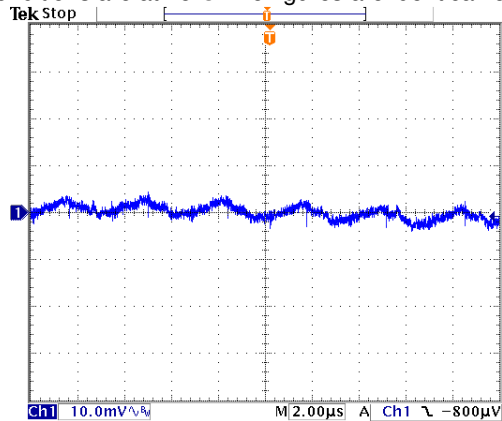
Efficiency versus Input Voltage  
Full Load



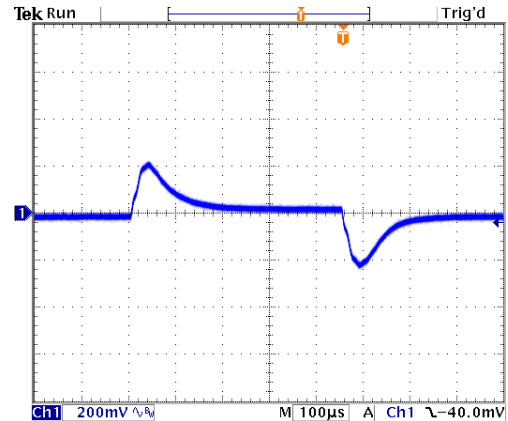
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

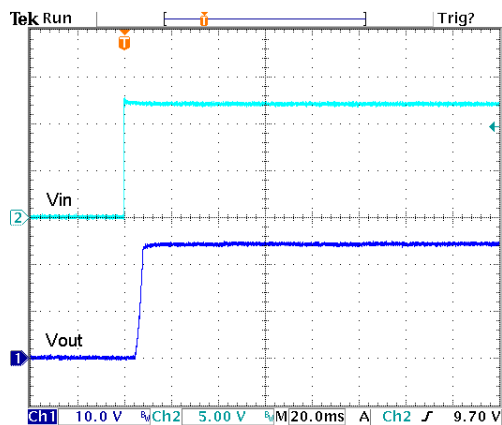
All test conditions are at 25°C. The figures are identical for MPP10-12S24



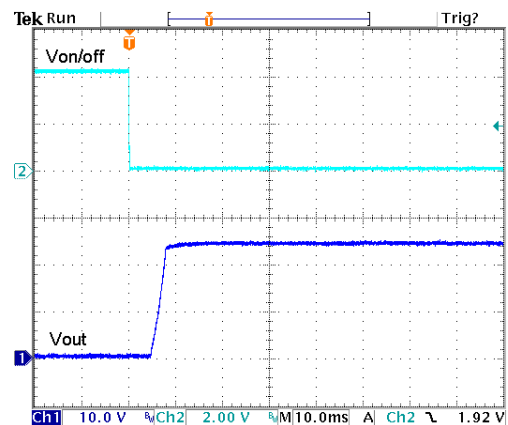
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



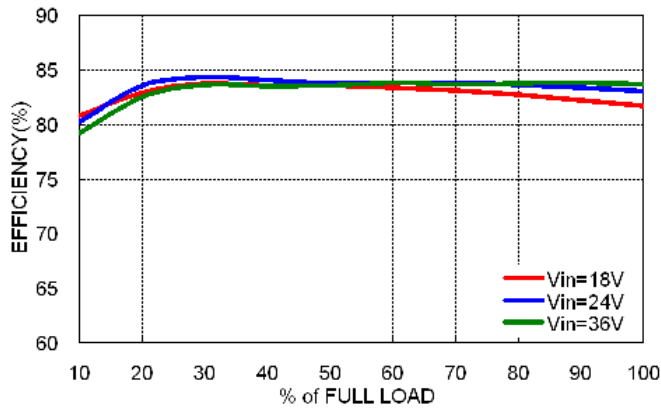
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



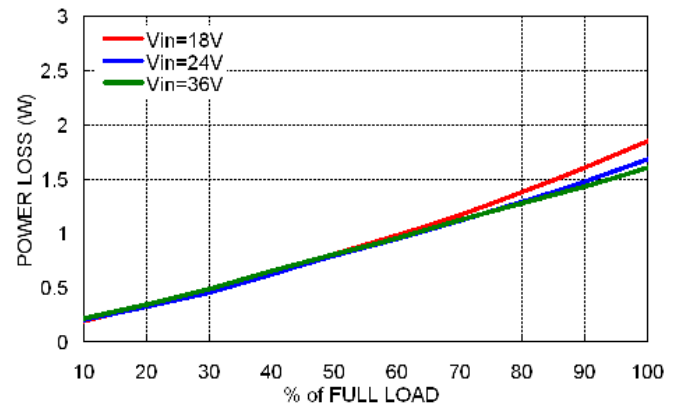
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

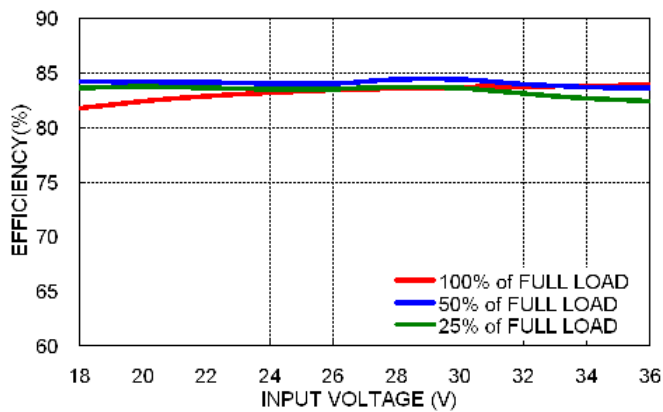
All test conditions are at 25°C. The figures are identical for MPP10-24S3P3



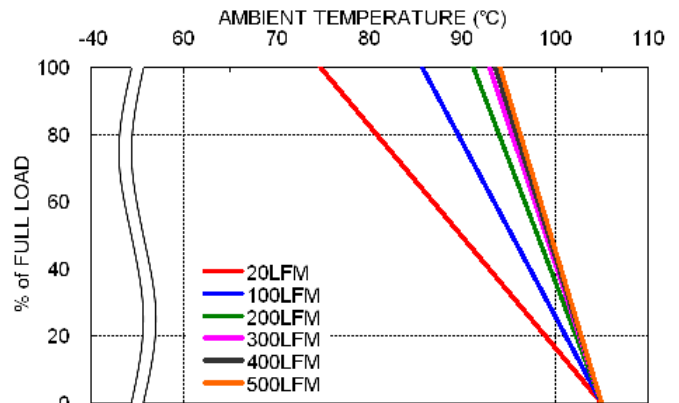
Efficiency versus Output Load



Power Dissipation versus Output Load



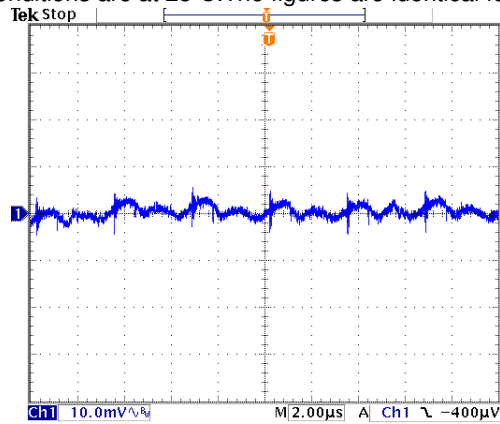
Efficiency versus Input Voltage  
Full Load



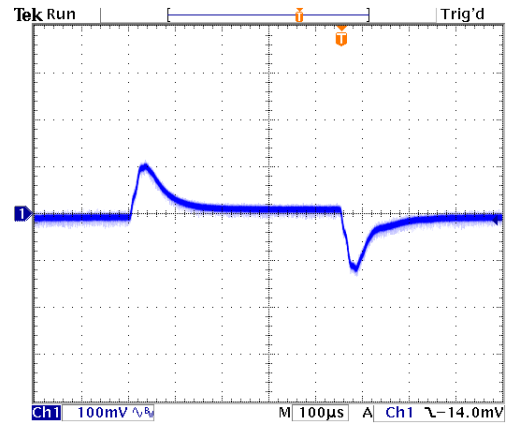
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

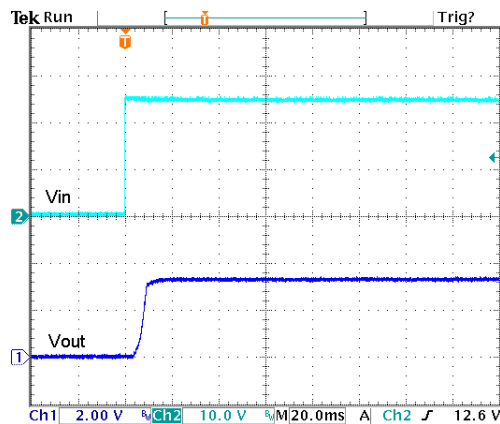
All test conditions are at 25°C. The figures are identical for MPP10-24S3P3



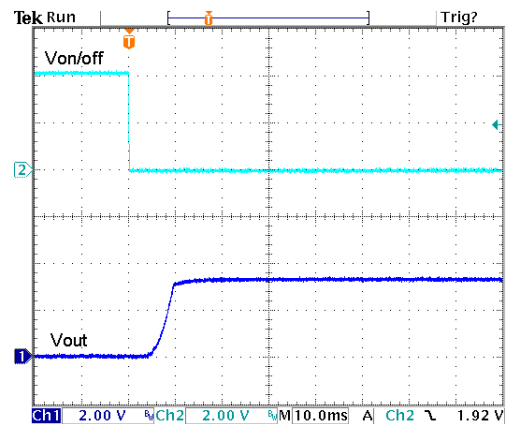
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



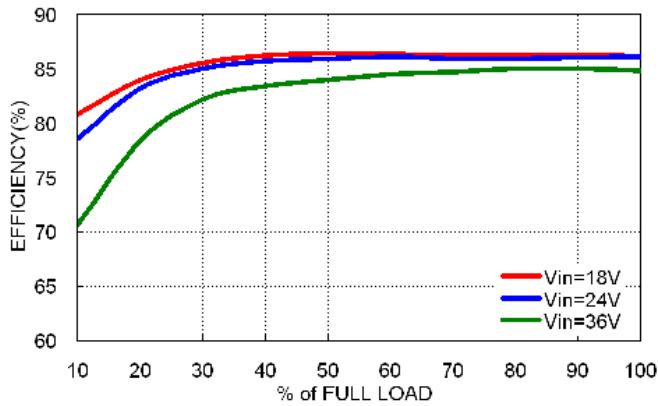
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



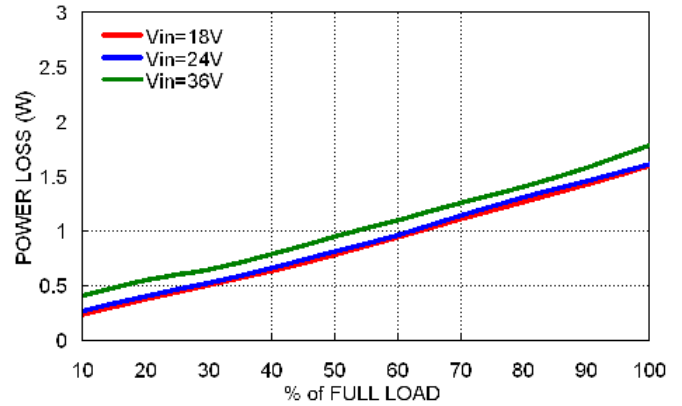
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

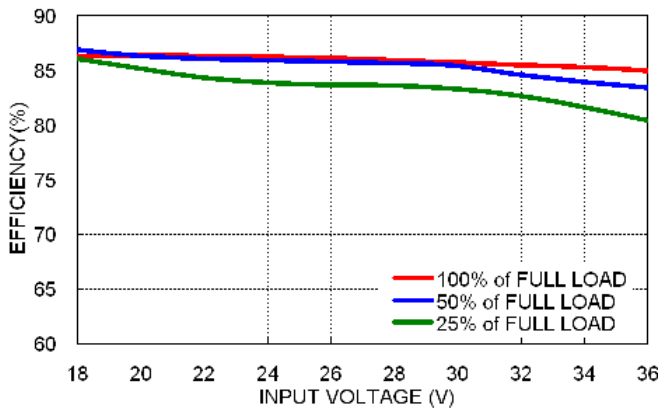
All test conditions are at 25°C. The figures are identical for MPP10-24S05



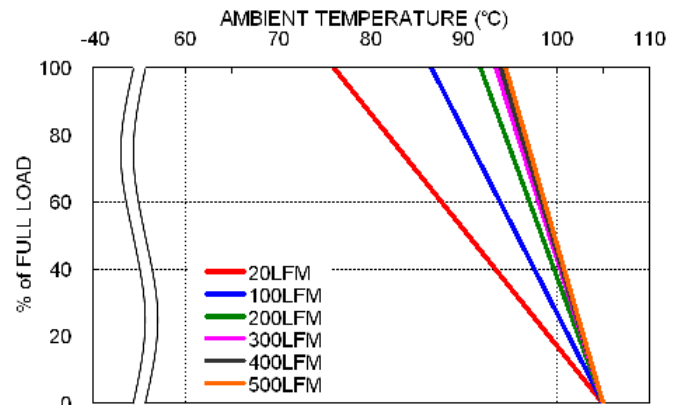
Efficiency versus Output Load



Power Dissipation versus Output Load



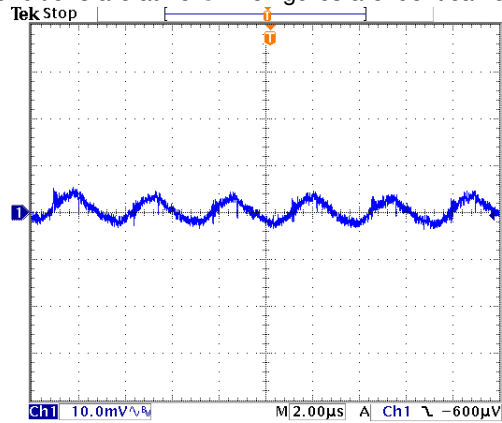
Efficiency versus Input Voltage  
Full Load



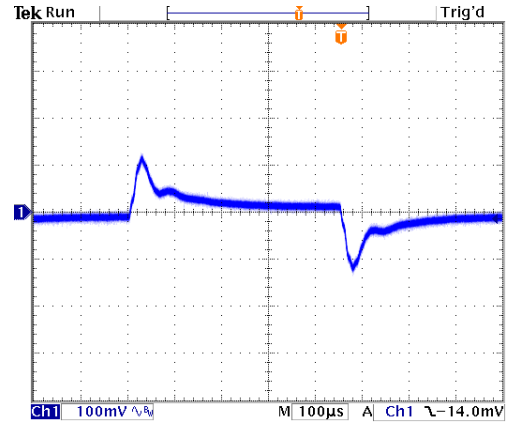
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

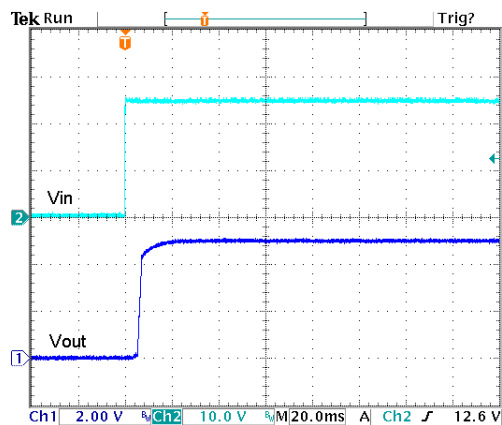
All test conditions are at 25°C. The figures are identical for MPP10-24S05



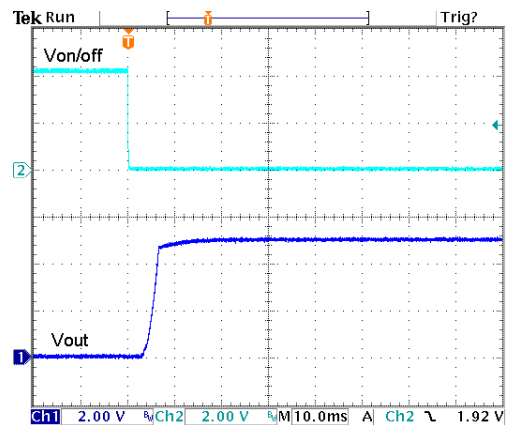
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

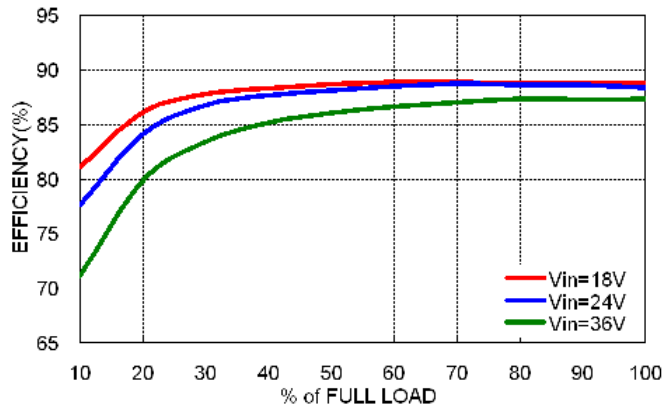


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

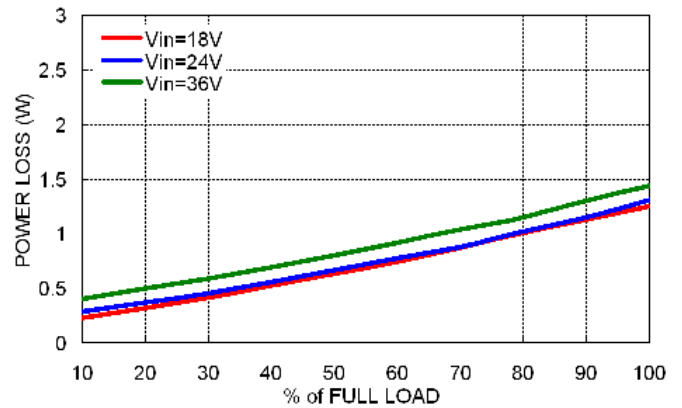


### Characteristic Curves (Continued)

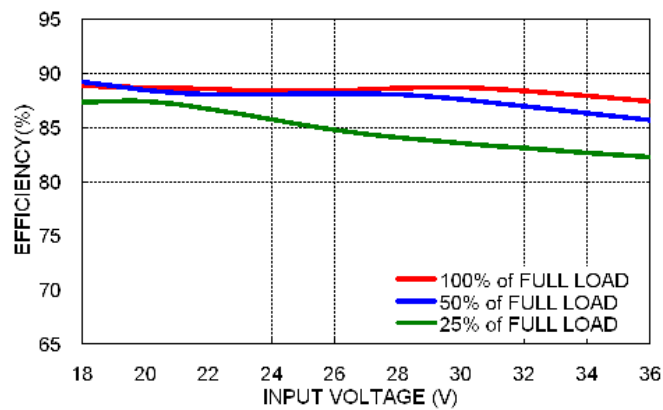
All test conditions are at 25°C. The figures are identical for MPP10-24S12



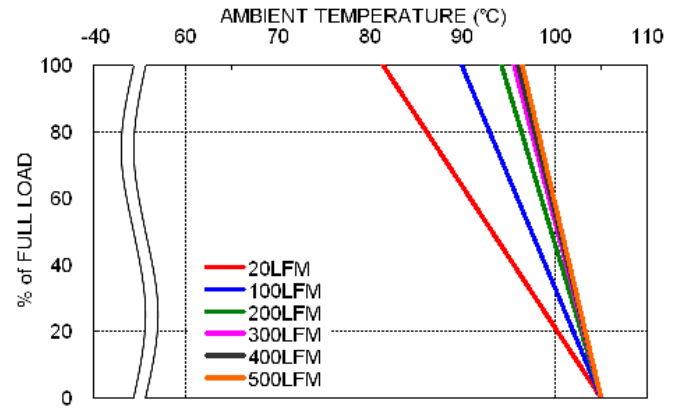
Efficiency versus Output Load



Power Dissipation versus Output Load



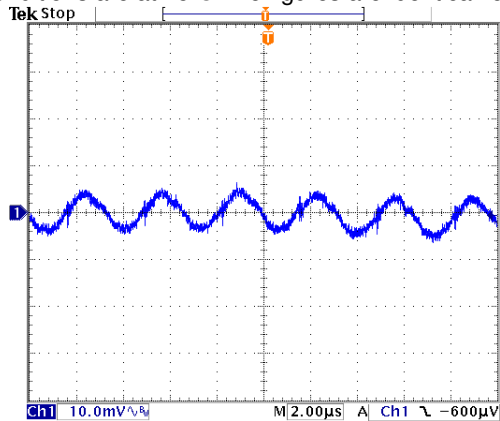
Efficiency versus Input Voltage  
Full Load



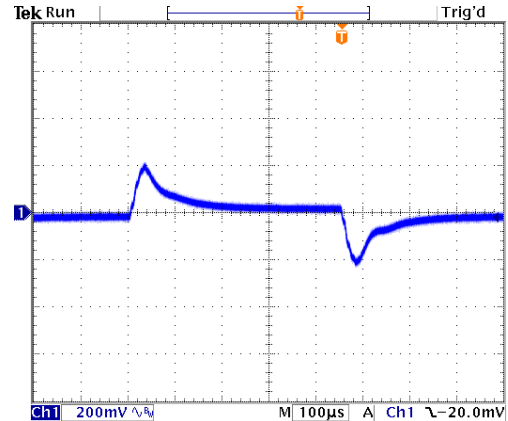
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

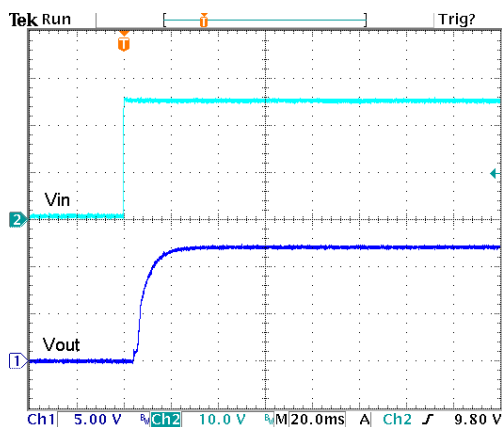
All test conditions are at 25°C. The figures are identical for MPP10-24S12



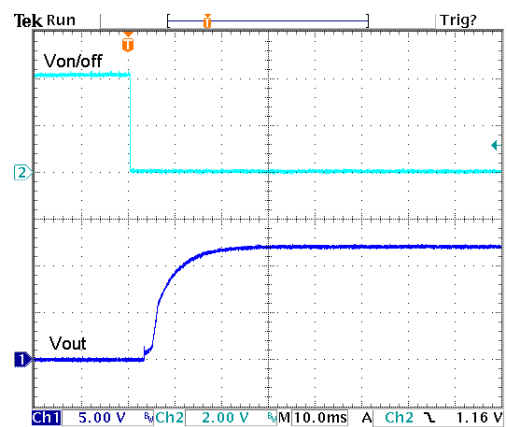
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



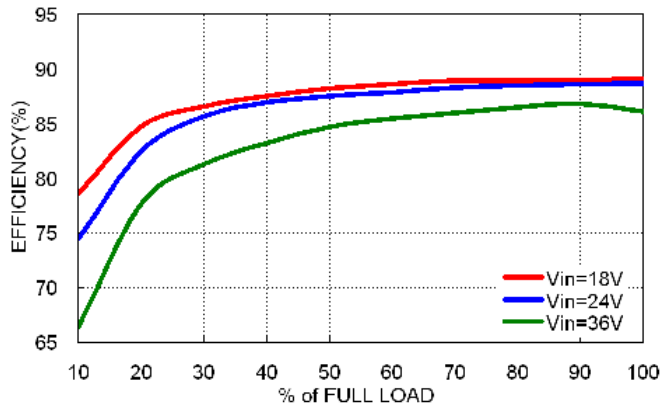
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



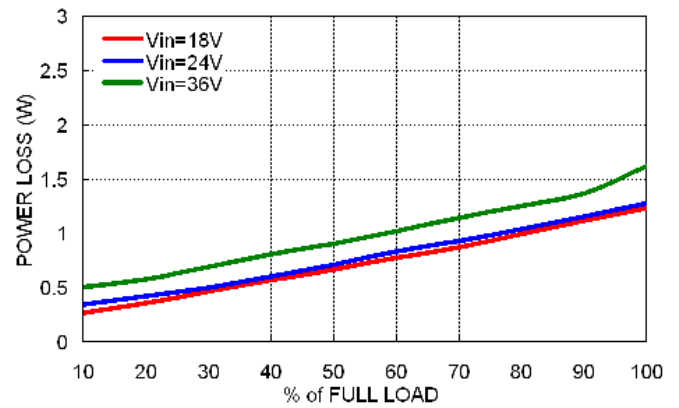
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

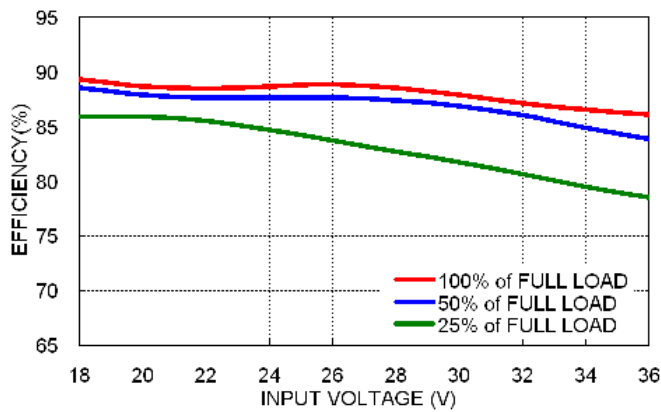
All test conditions are at 25°C. The figures are identical for MPP10-24S15



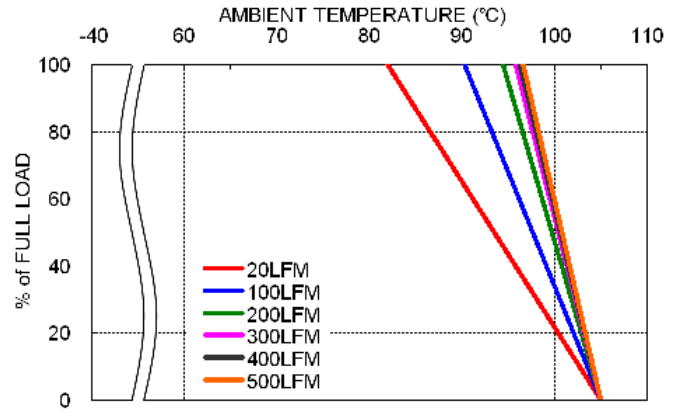
Efficiency versus Output Load



Power Dissipation versus Output Load



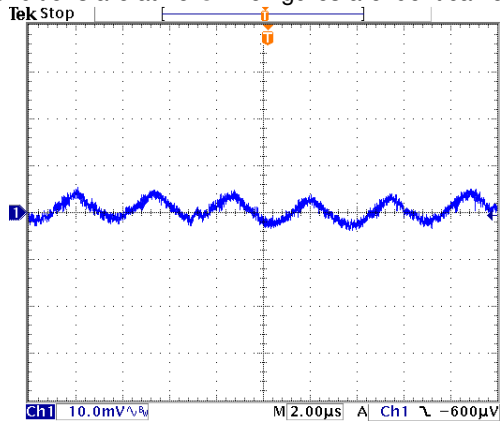
Efficiency versus Input Voltage  
Full Load



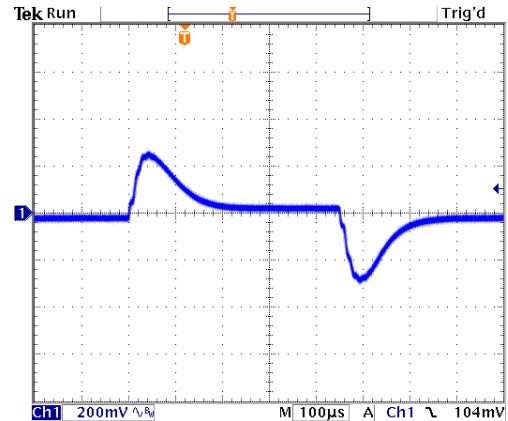
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

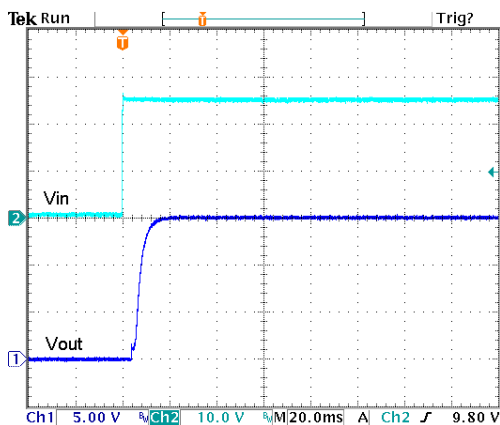
All test conditions are at 25°C. The figures are identical for MPP10-24S15



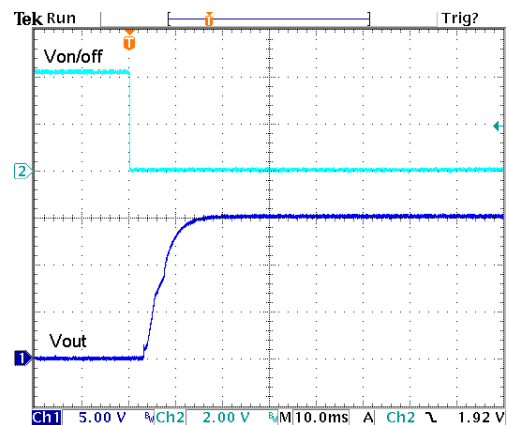
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



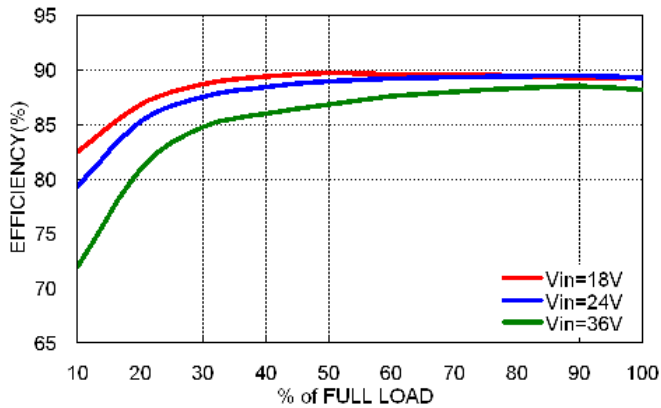
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



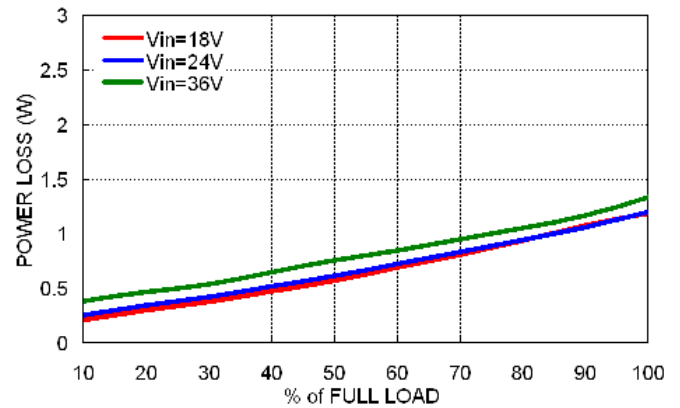
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

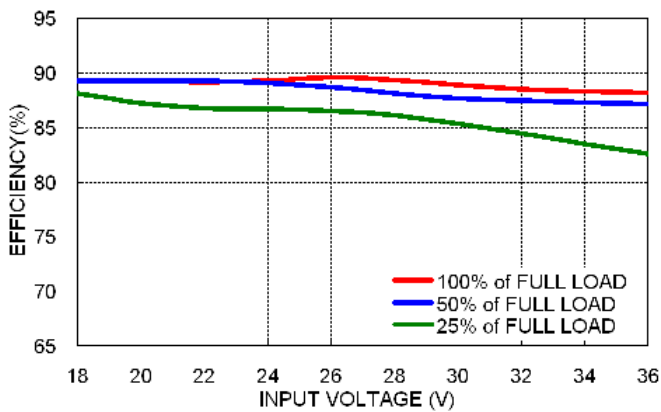
All test conditions are at 25°C. The figures are identical for MPP10-24S24



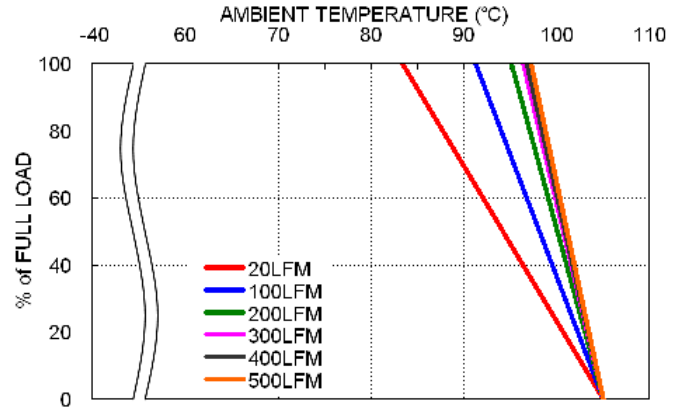
Efficiency versus Output Load



Power Dissipation versus Output Load



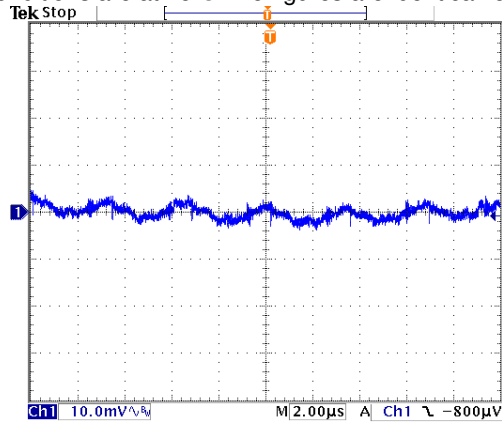
Efficiency versus Input Voltage  
Full Load



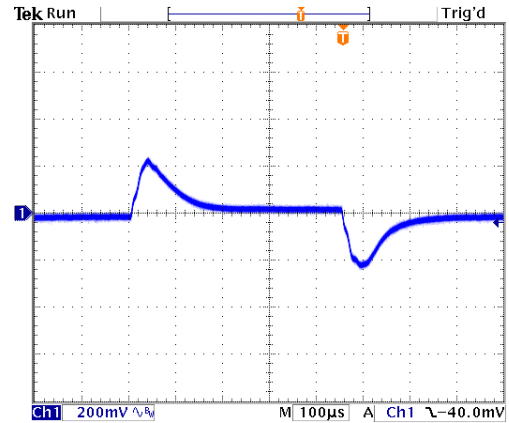
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

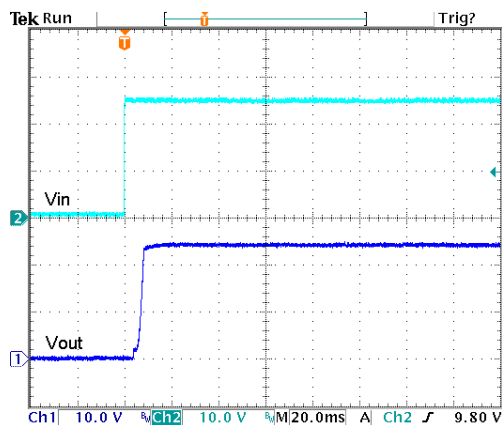
All test conditions are at 25°C. The figures are identical for MPP10-24S24



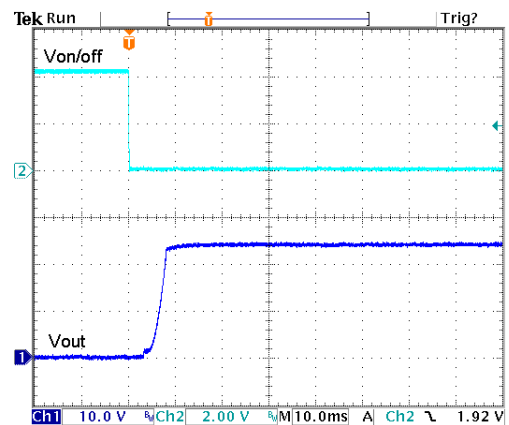
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



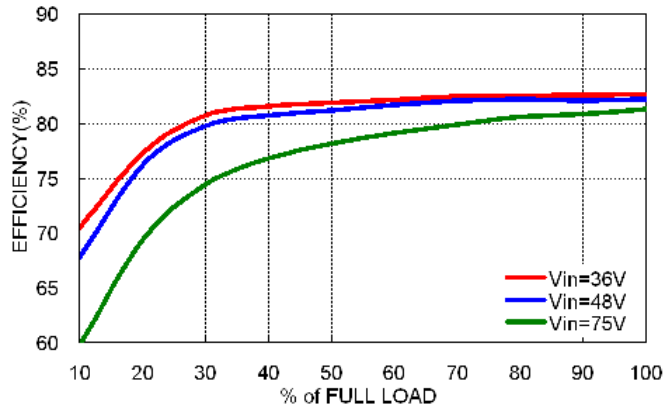
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



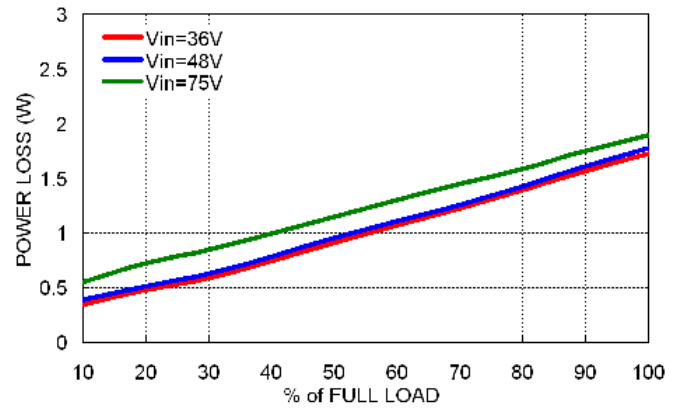
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

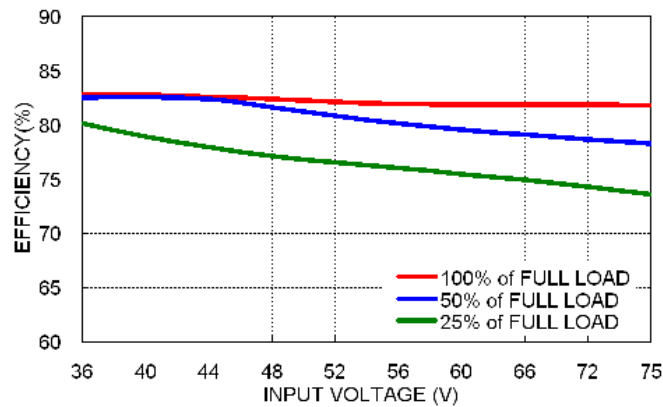
All test conditions are at 25°C. The figures are identical for MPP10-48S3P3



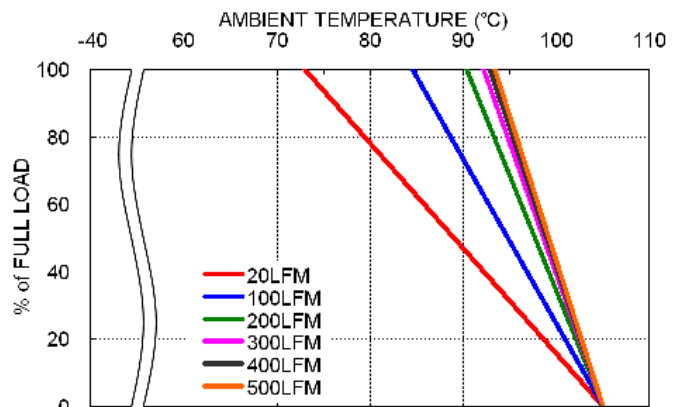
Efficiency versus Output Load



Power Dissipation versus Output Load



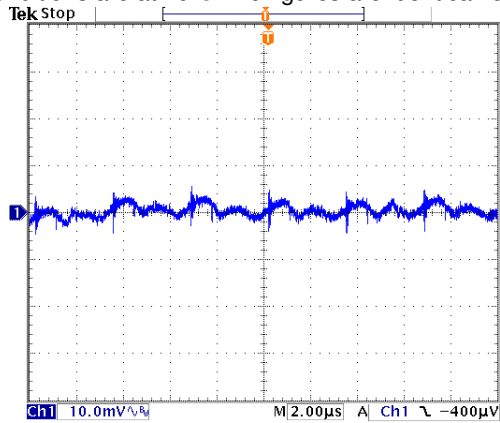
Efficiency versus Input Voltage  
Full Load



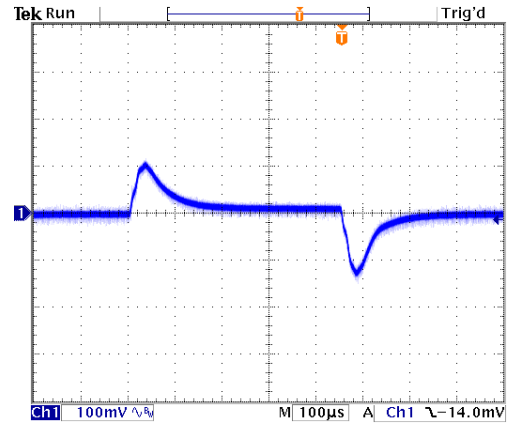
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

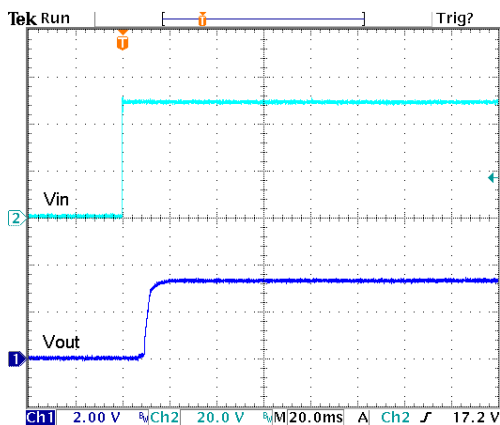
All test conditions are at 25°C. The figures are identical for MPP10-48S3P3



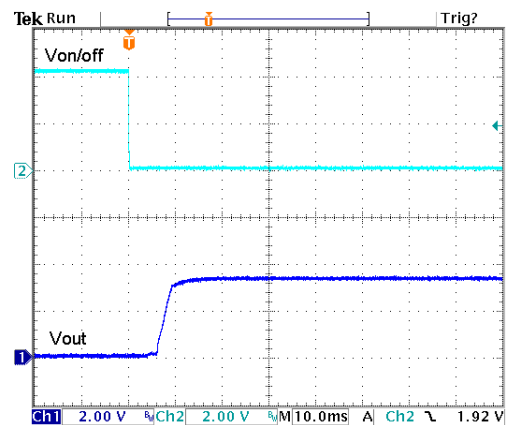
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

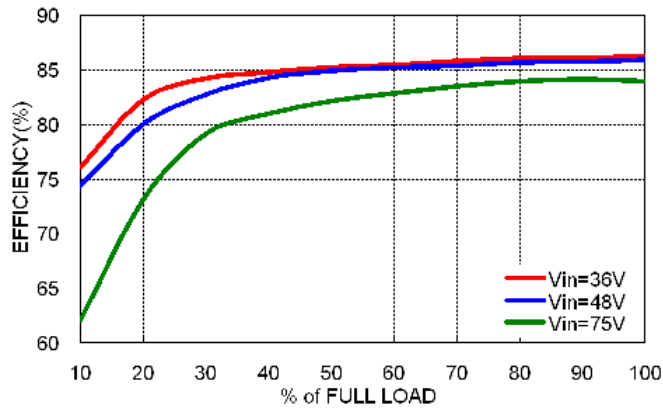


Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

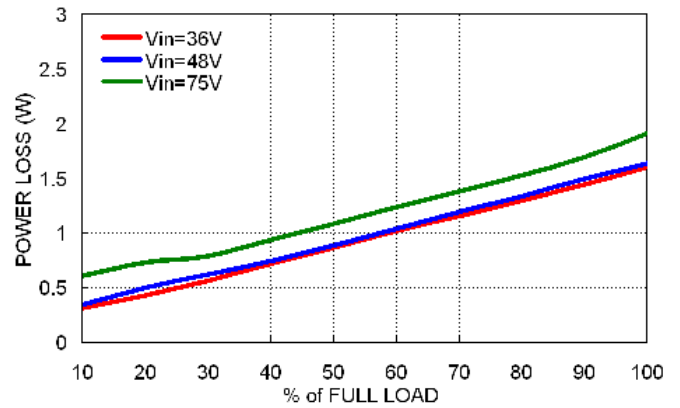


## Characteristic Curves (Continued)

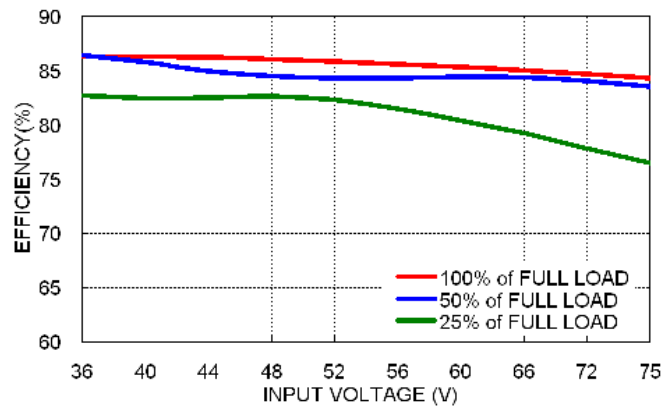
All test conditions are at 25°C. The figures are identical for MPP10-48S05



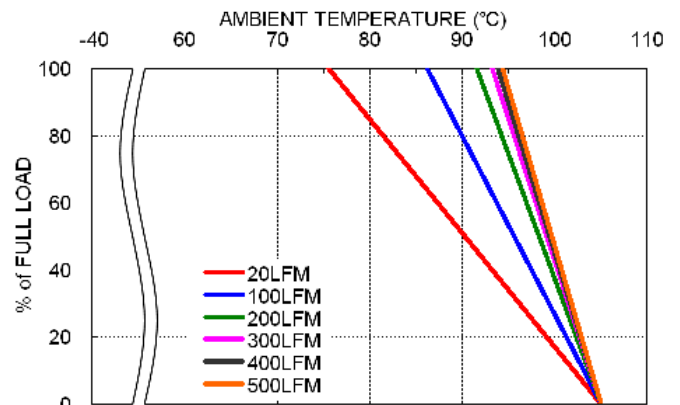
Efficiency versus Output Load



Power Dissipation versus Output Load



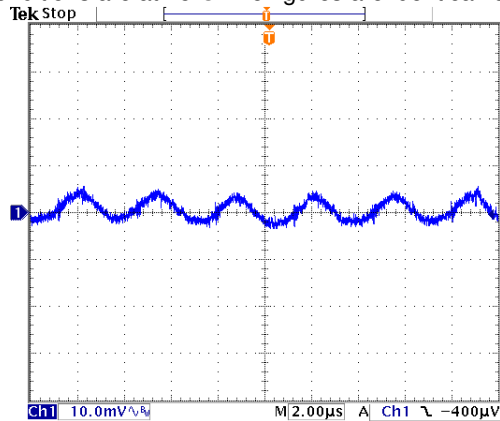
Efficiency versus Input Voltage  
Full Load



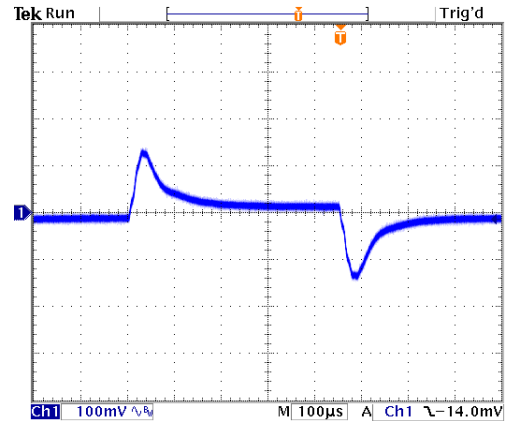
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

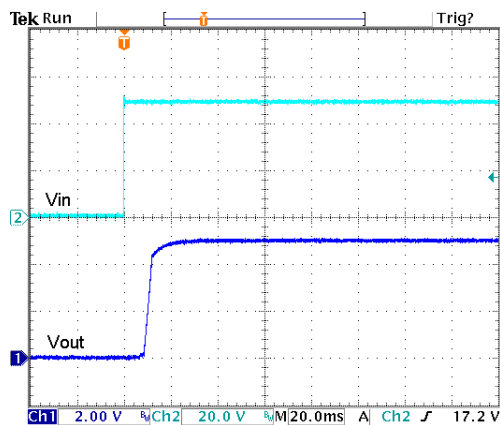
All test conditions are at 25°C. The figures are identical for MPP10-48S05



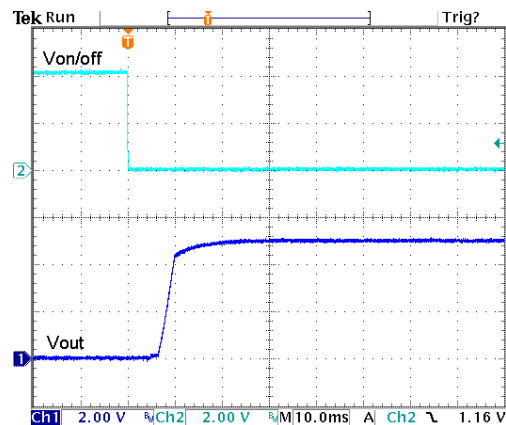
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



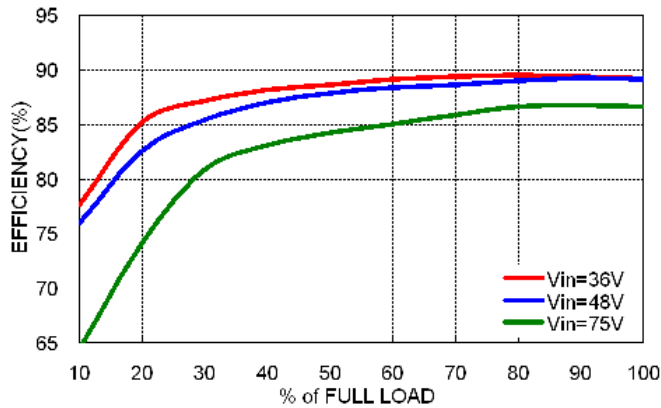
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



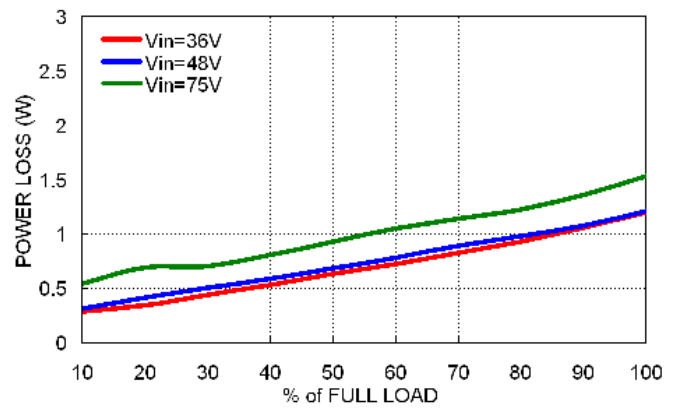
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

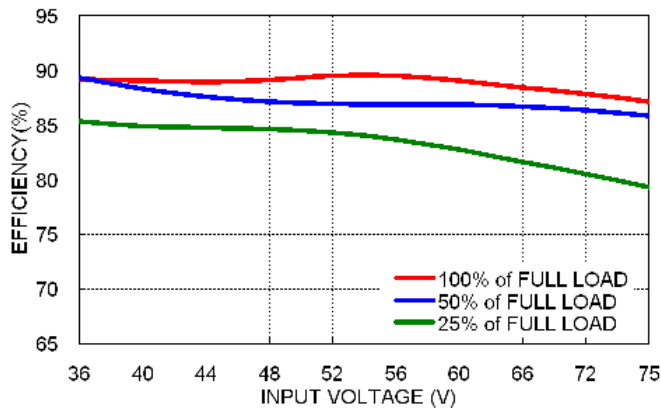
All test conditions are at 25°C. The figures are identical for MPP10-48S12



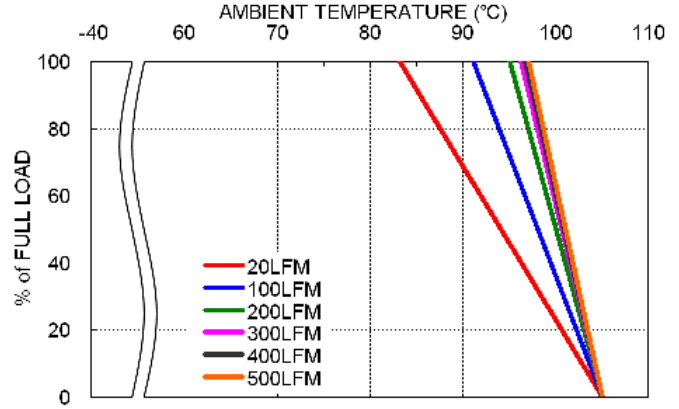
Efficiency versus Output Load



Power Dissipation versus Output Load



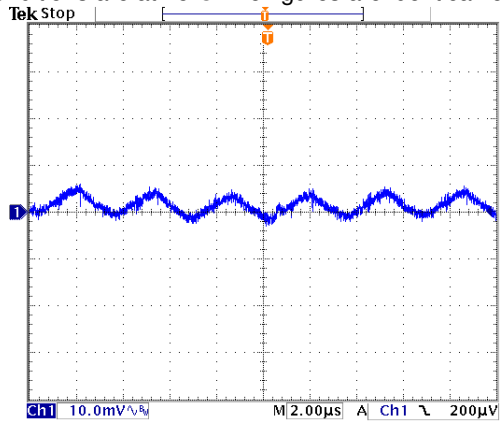
Efficiency versus Input Voltage  
Full Load



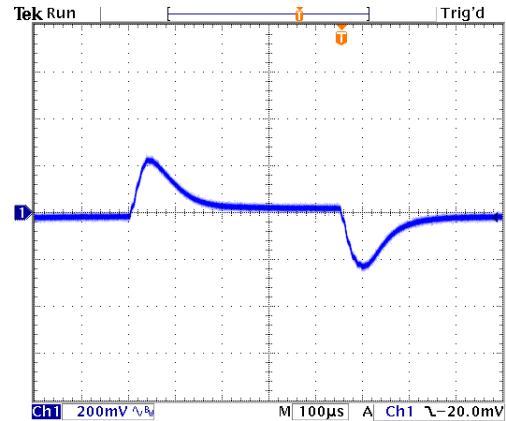
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

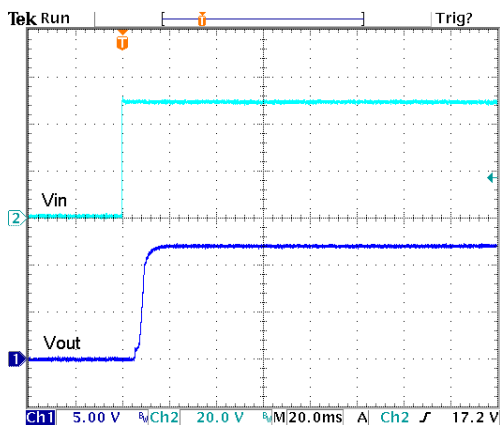
All test conditions are at 25°C. The figures are identical for MPP10-48S12



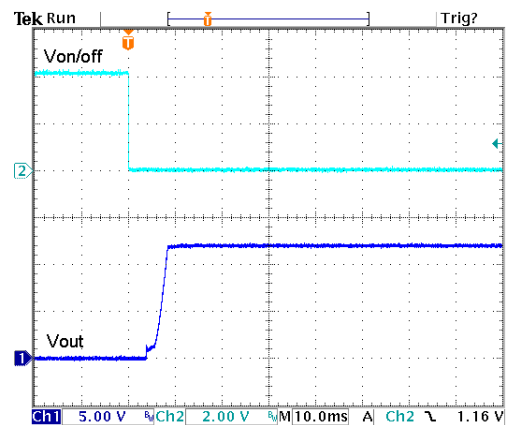
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



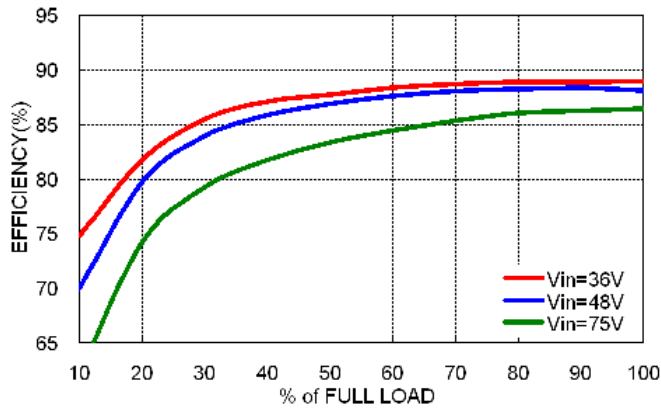
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



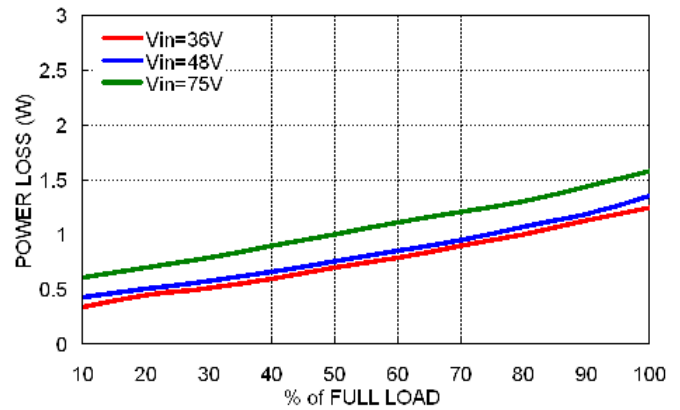
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

## Characteristic Curves (Continued)

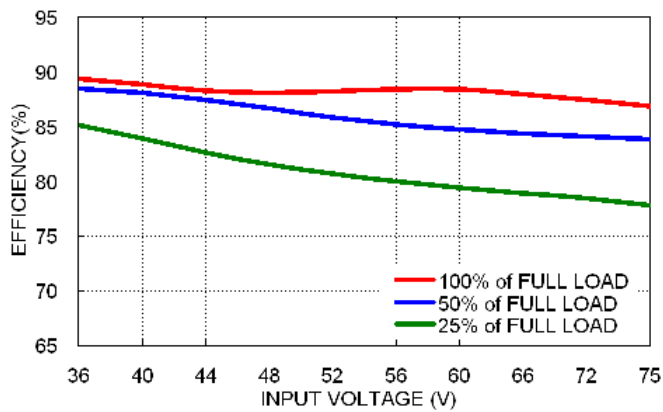
All test conditions are at 25°C. The figures are identical for MPP10-48S15



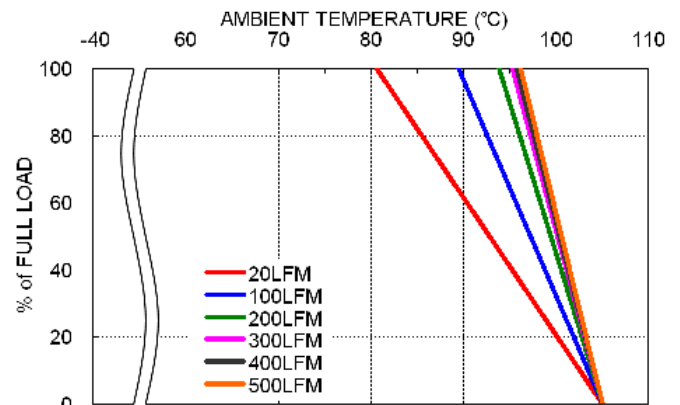
Efficiency versus Output Load



Power Dissipation versus Output Load



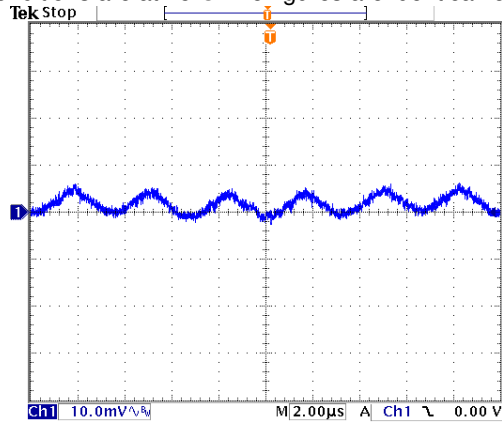
Efficiency versus Input Voltage  
Full Load



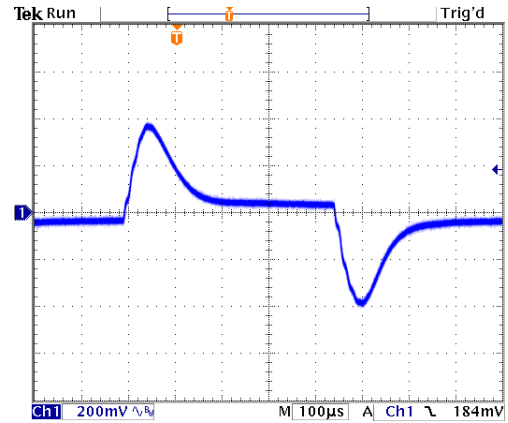
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

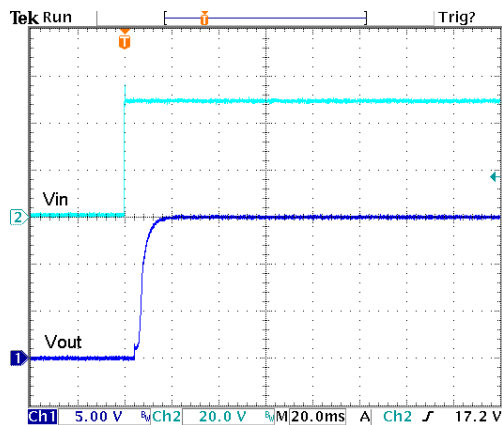
All test conditions are at 25°C. The figures are identical for MPP10-48S15



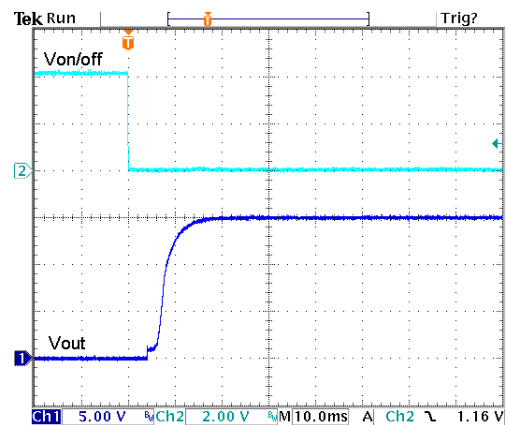
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



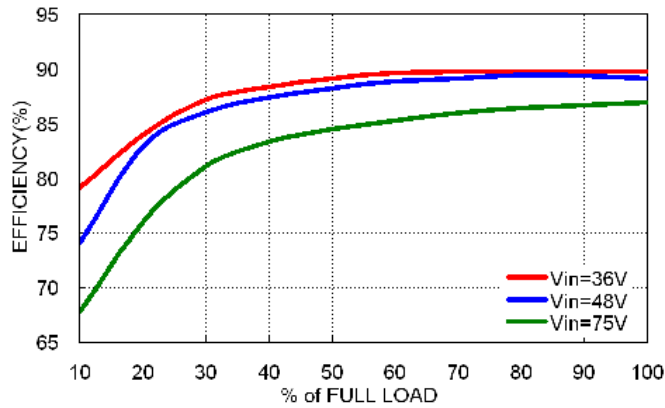
Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



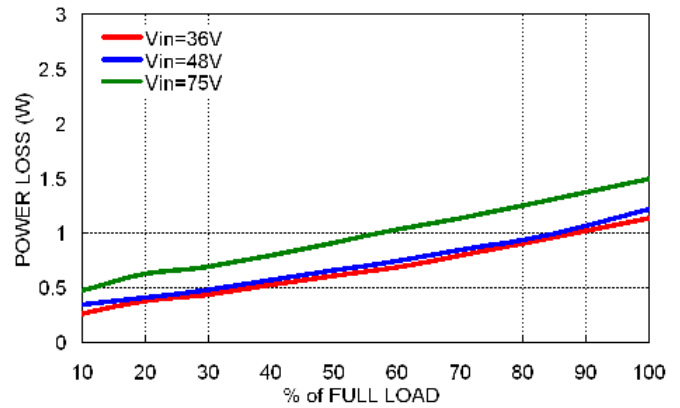
Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load

### Characteristic Curves (Continued)

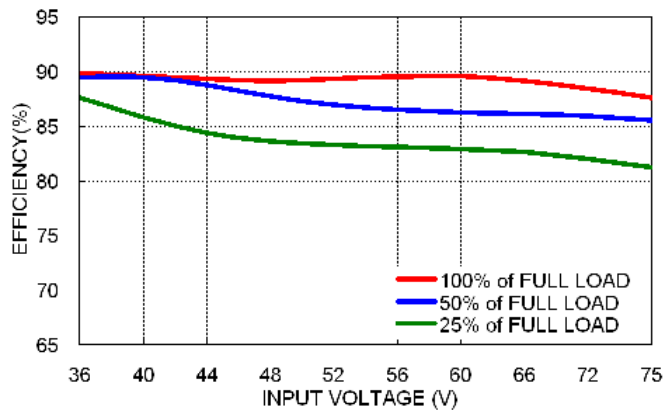
All test conditions are at 25°C. The figures are identical for MPP10-48S24



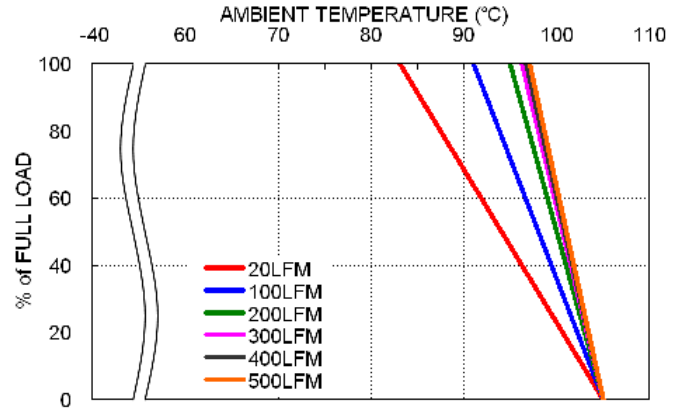
Efficiency versus Output Load



Power Dissipation versus Output Load



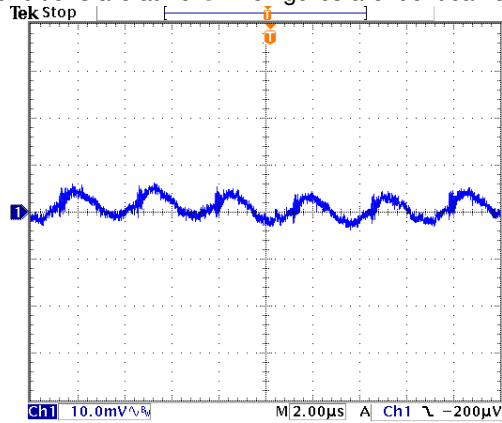
Efficiency versus Input Voltage  
Full Load



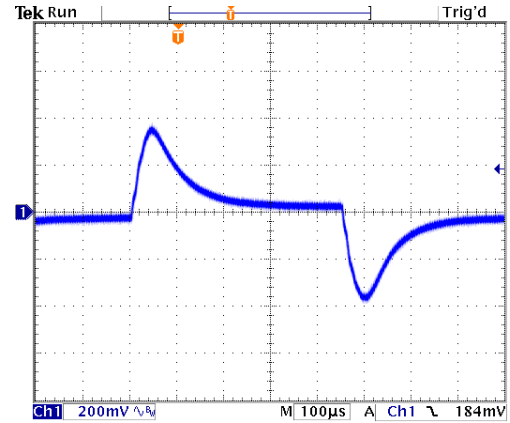
Derating Output Load versus Ambient Temperature and Airflow  
Vin(nom)

## Characteristic Curves (Continued)

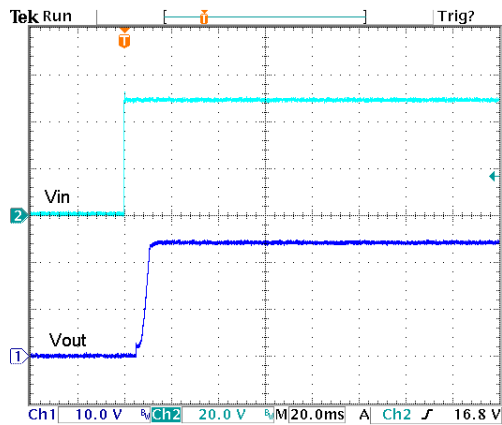
All test conditions are at 25°C. The figures are identical for MPP10-48S24



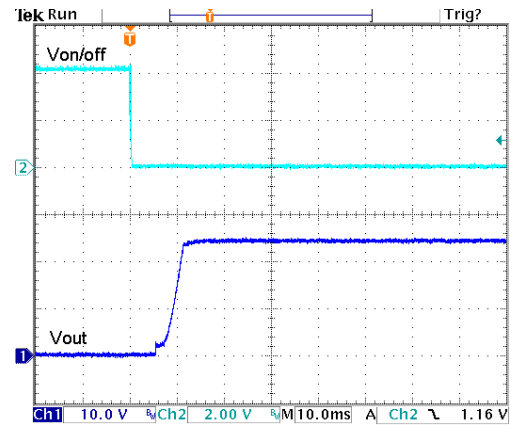
Typical Output Ripple and Noise.  
Vin(nom); Full Load



Transient Response to Dynamic Load Change from  
100% to 75% to 100% of Full Load; Vin(nom)



Typical Input Start-Up and Output Rise Characteristic  
Vin(nom); Full Load



Using ON/OFF Voltage Start-Up and Output Rise Characteristic  
Vin(nom); Full Load