



## 160W Reliable Green Medical Power Supply

RPS-160 series





















Hemodialysis machine

Sleep apnea devices

Applications

· Medical monitors

· Pumps machine

· Oral irrigator





#### Features

- 5"× 3" compact size
- Medical safety approved (2 x MOPP) according to ANSI/AAMI ES60601-1 and IEC/BS EN/EN60601-1
- Suitable for BF application with appropriate system consideration
- 110W convention, 160W force air
- EMI class B for class I configuration
- No load power consumption under 0.5W by PS-ON control (G model)
- 5Vdc standby output, Power Good, Power Fail; Remote sense for 5~15V
- · Protections: Short circuit / Overload / Over voltage / Over temperature
- Operating altitude up to 3000 meters
- 3 years warranty

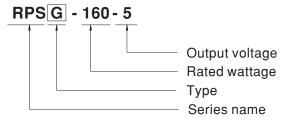
# GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

#### Description

RPS-160 is a 160W highly reliable green PCB type medical power supply with a high power density on a 5" by 3" footprint. It accepts 90~264VAC input and offers various models with the output voltages between 5V and 48V. The working efficiency is up to 88% and the extremely low no load power consumption is down below 0.5W. RPS-160 is able to be used for Class I (with FG) system design. The extremely low leakage current is less than 160 µA. In addition, it conforms to the international medical regulations (2\*MOPP) and EMC BS EN/EN55011, perfectly fitting all kinds of BF rated "patient contact" medical system equipment.

#### ■ Model Encoding



Туре	Description	Note
Blank	Without 5Vsb	In stock
G	With 5Vsb & No load power consumption <0.5W	In stock



## 160W Reliable Green Medical Power Supply

RPS-160 series

			RPS -160-5	RPS -160-12	RPS□-160-15	RPS -160-24	RPS□-160-48			
	DC VOLTAGE	Ε	5V	12V	15V	24V	48V			
		RENT (20.5CFM)	30A	12.9A	10.3A	6.5A	3.25A			
OUTPUT		Convection	0 ~ 20A	0 ~ 9.1A	0 ~ 7.3A	0 ~ 4.6A	0 ~ 2.3A			
	CURRENT	20.5CFM	0 ~ 30A	0 ~ 12.9A	0 ~ 10.3A	0 ~ 6.5A	0 ~ 3.25A			
	DATED	Convection Note.2		112.2W						
					112.5W	113.4W	113.4W			
	I		155W	159.8W	159.5W	161W	161W			
	RIPPLE & NOISE (max.) Note.4			80mVp-p	120mVp-p	120mVp-p	150mVp-p			
	VOLTAGE ADJ. RANGE(main output)			10.8 ~ 13.2V	13.5 ~ 16.5V	22 ~ 27V	43.2 ~ 52.8V			
	VOLTAGE TOLERANCE Note.5			±3.0%	±3.0%	±2.0%	±2.0%			
	LINE REGULATION		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION		±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
	SETUP, RISE TIME		1800ms, 30ms/230VAC 3500ms, 30ms/115VAC at full load							
	HOLD UP TIM	ИЕ (Тур.)	20ms/115VAC 25ms/	230VAC at full load						
	VOLTAGE RA	ANGE Note.6	90 ~ 264VAC 127 ~ 370VDC							
	FREQUENCY	/ RANGE	47 ~ 63Hz							
	POWER FAC	TOR (Typ.)	PF>0.93/230VAC F	PF>0.98/115VAC at full	load					
PUT	EFFICIENCY		86%	87%	87%	87%	88%			
	AC CURREN			30VAC						
	INRUSH CUR		COLD START 35A/115V							
					n current < 100µA/264VAC					
	LEAKAGE CURRENT Note.7		-		TOUTION TOUMAIZO4VAC					
	OVERLOAD		105 ~ 135% rated outpu							
			**		atically after fault condition is					
ROTECTION	OVER VOLTA	\GF	5.7 ~ 6.8V	13.8 ~ 16.2V	17.2 ~ 20.3V	27.6 ~ 32.4V	55.2 ~ 64.8V			
	OTEK TOE!		Protection type : Shut do	own o/p voltage, re-pow	ver on to recover					
	OVED TEMP	EDATUDE	TSW1: Shut down o/p vo	oltage, recovers automa	atically after temperature go	es down				
	OVER TEMP	EKATUKE	TSW2: Shut down o/p vo	oltage, re-power on to r	ecover					
	5V STANDBY (G model)		5Vsb : 5V@0.6A without fan, 0.8A with fan 20.5CFM ; Tolerance ± 2%, ripple : 50mVp-p(max.)							
	PS-ON INPUT	SIGNAL (G model)	Power on: PS-ON = "Hi"	or">2~5V"; Power	off: PS-ON = "Low" or " < 0 ~	- 0.5V"				
UNCTION	POWER GOO	DD / POWER FAIL	500ms>PG>10ms	PF>1ms						
	REMOTE SE	NSE	5 ~ 15V							
	WORKING TI		-20 ~ +70°C (Refer to "E	Derating Curve")						
	WORKING H									
NVIRONMENT										
NVIKUNMENI			-40 ~ +85°C, 10 ~ 95% RH non-condensing							
	TEMP. COEF	FICIENT	±0.03%/°C (0~50°C)							
	VIBRATION		,	icycle, bumin. each aid	ong X, Y, Z axes	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
	OPERATING		9.8 3000 meters							
	01 210 111110	ALTITUDE Note.8	0000 11101010							
	SAFETY STA		IEC 60601-1:2005+A		N 60601-1:2006+A1+A12 AC TP TC 004 approved; I		ES60601-1:2005+A2 S EN/EN60335-1(by request)			
		NDARDS	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6	30601-1:2014+A2, E		Design refer to BS				
	SAFETY STA	NDARDS LEVEL	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6	60601-1:2014+A2, E MOPP, Primary-Earth:1	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x	Design refer to BS				
	SAFETY STA	NDARDS LEVEL	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-F(	60601-1:2014+A2, E MOPP, Primary-Earth:1: G:2KVAC O/P-FG:1.5	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC	Design refer to BS				
	SAFETY STA	NDARDS LEVEL VOLTAGE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xN	60601-1:2014+A2, E, MOPP, Primary-Earth:1: G:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC	Design refer to BS				
	SAFETY STA	NDARDS LEVEL VOLTAGE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter	60601-1:2014+A2, EA MOPP, Primary-Earth:1: G:2KVAC O/P-FG:1.5 :100M Ohms / 500VDC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5 / 25°C / 70% RH andard	Design refer to BS	S EN/EN60335-1(by request)			
	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission	60601-1:2014+A2, E./ MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6: / 25°C / 70% RH andard 6: EN/EN55011 (CISPR11)	Design refer to BS MOPP  Test L  Class	S EN/EN60335-1(by request)  Level / Note  B			
	SAFETY STA	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission	60601-1:2014+A2, E. MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/ 25°C/70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11)	Design refer to BS MOPP  Test L  Class Class	S EN/EN60335-1(by request)  Level / Note  B  B			
	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xf I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current	60601-1:2014+A2, E. MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11) EN/EN61000-3-2	Design refer to BS MOPP  Test I Class Class Class	S EN/EN60335-1(by request)  Level / Note  B  B			
	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker	60601-1:2014+A2, E. MOPP, Primary-Earth:1: 6:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/ 25°C/70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11)	Design refer to BS MOPP  Test L  Class Class	S EN/EN60335-1(by request)  Level / Note  B  B			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN	60601-1:2014+A2, E. MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5 / 25°C/ 70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3	Design refer to BS MOPP  Test L Class Class Class	E EN/EN60335-1(by request)  Level / Note  B  B  A			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter	60601-1:2014+A2, E./ MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 6: EN/EN55011 (CISPR11) 6: EN/EN55011 (CISPR11) 6: EN/EN61000-3-2 6: EN/EN61000-3-3	Test L  Test L  Test L  Test L	E EN/EN60335-1(by request)  Level / Note B B A			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN	60601-1:2014+A2, E./ MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5 / 25°C/ 70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3	Test L Class Class Class Class Lass Class Lass Class Lass Lass Lass Lass Lass Lass Lass	Level / Note B B A Level / Note 4, 15KV air ; Level 4, 8KV conta			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD	60601-1:2014+A2, E. MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN61000-3-2 5 EN/EN61000-3-3 andard 5 EN/EN61000-4-2	Test L Class Class Class Class Level Level Level	Level / Note B B A Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m(80MHz~2.7GHz)			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD  RF field susceptibility	60601-1:2014+A2, E./ MOPP, Primary-Earth:1: 3:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-3	Test L Class Class Class Class Level Level Level Table	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD  RF field susceptibility EFT bursts	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6/ 25°C/70% RH andard 6 EN/EN55011 (CISPR11) 6 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-3 6 EN/EN61000-4-4	Test L Class Class Class Class Level Level Level Level Level Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz ) 3, 2KV			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD  RF field susceptibility	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6/ 25°C/70% RH andard 6 EN/EN55011 (CISPR11) 6 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-3 6 EN/EN61000-4-4 6 EN/EN61000-4-5	Test L Class Class Class Class Level Level Level Level Level Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz			
MC	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD  RF field susceptibility EFT bursts	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6/ 25°C/70% RH andard 6 EN/EN55011 (CISPR11) 6 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-3 6 EN/EN61000-4-4	Test L Class Class Class Class Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz ) 3, 2KV			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD RF field susceptibility EFT bursts Surge susceptibility	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6/ 25°C/70% RH andard 6 EN/EN55011 (CISPR11) 6 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-3 6 EN/EN61000-4-4 6 EN/EN61000-4-5	Test L Class Class Class Class Level Level Level Level Level Level Level Level	Level / Note  B  B  A  Level / Note  4, 15KV air ; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz ) 3, 2KV  4, 4KV/Line-FG ; 2KV/Line-Line			
SAFETY & EMC Note 10)	SAFETY STA ISOLATION I WITHSTAND ISOLATION F	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. ( Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibility	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 6/25°C/70% RH andard 6 EN/EN55011 (CISPR11) 6 EN/EN55011 (CISPR11) 6 EN/EN61000-3-2 6 EN/EN61000-3-3 andard 6 EN/EN61000-4-2 6 EN/EN61000-4-5 6 EN/EN61000-4-5 6 EN/EN61000-4-6	Test L Class Class Class Class Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz 3, 2KV 4, 4KV/Line-FG; 2KV/Line-Line 3, 10V 4, 30A/m lip 1 periods, 30% dip 25 periods,			
MC	SAFETY STA ISOLATION I WITHSTAND ISOLATION F EMC EMIS	LEVEL VOLTAGE RESISTANCE	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibility Voltage dip, interruptio	State	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN61000-3-2 5 EN/EN61000-3-3 andard 5 EN/EN61000-4-2 5 EN/EN61000-4-3 5 EN/EN61000-4-5 5 EN/EN61000-4-6 5 EN/EN61000-4-6 5 EN/EN61000-4-8 5 EN/EN61000-4-8 5 EN/EN61000-4-8	Test L Class Class Class Class Level	Level / Note  B  B  A  Level / Note  4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz 3, 2KV  4, 4KV/Line-FG; 2KV/Line-Line 3, 10V  4, 30A/m			
MC Note 10)	SAFETY STA ISOLATION I WITHSTAND ISOLATION F EMC EMIS	LEVEL VOLTAGE RESISTANCE SION	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibility Magnetic field immunit Voltage dip, interruptio 2082.3K hrs min. Tel	MOPP, Primary-Earth:1:   G:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN61000-3-2 5 EN/EN61000-3-3 andard 5 EN/EN61000-4-2 5 EN/EN61000-4-3 5 EN/EN61000-4-5 5 EN/EN61000-4-6 5 EN/EN61000-4-6 5 EN/EN61000-4-8 5 EN/EN61000-4-8 5 EN/EN61000-4-8	Test L Class Class Class Class Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz 3, 2KV 4, 4KV/Line-FG; 2KV/Line-Line 3, 10V 4, 30A/m lip 1 periods, 30% dip 25 periods,			
МС	SAFETY STA ISOLATION I WITHSTAND ISOLATION F EMC EMIS	LEVEL VOLTAGE RESISTANCE SION	IEC 60601-1:2005+A CAN/CSA C22.2 No. 6 Primary-Secondary: 2xl I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission Harmonic current Voltage flicker BS EN/EN55035, BS EN Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibility Voltage dip, interruptio	MOPP, Primary-Earth:1:   G:2KVAC	AC TP TC 004 approved; I xMOPP, Secondary-Earth:1x 5KVAC 5/25°C/70% RH andard 5 EN/EN55011 (CISPR11) 5 EN/EN61000-3-2 5 EN/EN61000-3-3 andard 5 EN/EN61000-4-2 5 EN/EN61000-4-3 5 EN/EN61000-4-5 5 EN/EN61000-4-6 5 EN/EN61000-4-6 5 EN/EN61000-4-8 5 EN/EN61000-4-8 5 EN/EN61000-4-8	Test L Class Class Class Class Level	Level / Note  B B A  Level / Note 4, 15KV air; Level 4, 8KV conta 3, 10V/m( 80MHz~2.7GHz ) 9, 9~28V/m( 385MHz~5.78GHz 3, 2KV 4, 4KV/Line-FG; 2KV/Line-Line 3, 10V 4, 30A/m lip 1 periods, 30% dip 25 periods,			

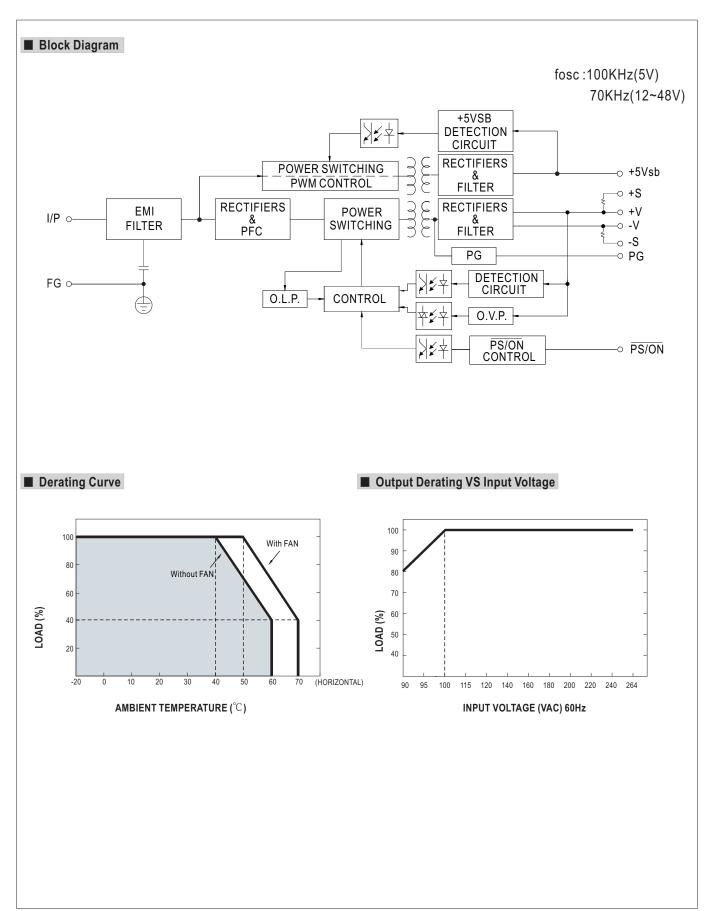
- 3. The rated power includes 5Vsb @ 0.8A.
- 4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1  $\mu$  F & 47  $\mu$  F parallel capacitor.

- 4. hippie a hoise are measured at 20/m2 of barlowdin by using a 12 twisted pair-wire terminated with a 0.1 \( \alpha = \text{A} \( \alp

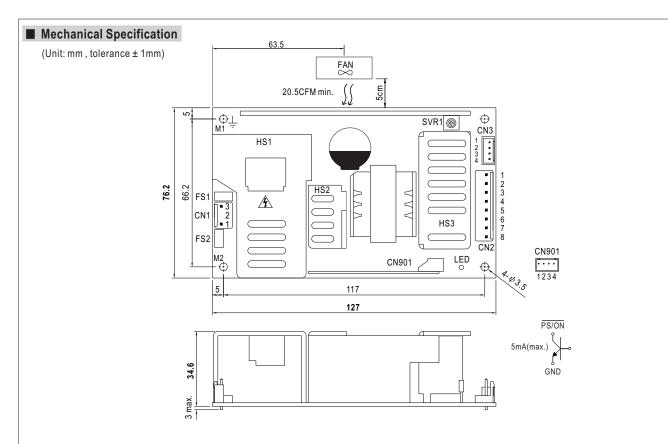
NOTE

10. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm\*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on https://www.meanwell.com//Upload/PDF/EMI\_statement\_en.pdf)









#### AC Input Connector (CN1): JST B3P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	AC/N	1071/110	107.01/11.047.04
2	No Pin	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent
3	AC/L		

Pin No.	Status	Mating Housing	Ierminal
1	PG		
2	GND	JST XHP	JST SXH-001T-P0.6
3	-S	or equivalent	or equivalent
4	+S		
	2 3 4	1 PG 2 GND 3 -S	1 PG 2 GND JST XHP 3 -S or equivalent

Power Good Connector(CN3):JST B4B-XH or equivalent

#### DC Output Connector (CN2): JST B8P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1,2,3,4	+V	JST VHR	JST SVH-21T-P1.1
5,6,7,8	-V	or equivalent	or equivalent

### $\pm$ : Grounding Required

1.HS1,HS2,HS3 cannot be shorted. 2.M1 is safety ground. For better EMC performance, Please secure an electrical

connection between M1,M2, and chassis grounding.

# ■ Installation Manual

Please refer to: http://www.meanwell.com/manual.html

#### 5VSB Connector(CN901): JST B-XH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	PS/ON		107.07(1.0047
2,4	GND	JST XHP or equivalent	JST SXH-001T or equivalent
3	5VSB		