

RPS-160 series

























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

Applications

- Oral irrigator
- Hemodialysis machine
- · Medical monitors
- Sleep apnea devices
- · Pumps machine

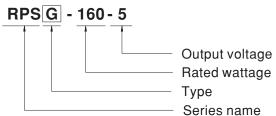
GTIN CODE

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



RPS-160 series

			RPS□-160-5	RPS -160-12	RPS -160-15	RPS -160-24	RPS□-160-48
	DC VOLTAG	 BE	5V	12V	15V	24V	48V
		RRENT (20.5CFM)	30A	12.9A	10.3A	6.5A	3.25A
		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			
	RATED POWER				112.5W	113.4W	113.4W
			155W	159.8W	159.5W	161W	161W
OUTPUT	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 TIME (Typ.)			20ms/115VAC 25ms/230VAC at full load				
	VOLTAGE RANGE Note.6		90 ~ 264VAC 127 ~ 370VDC				
	FREQUENCY RANGE		47 ~ 63Hz				
	POWER FA	CTOR (Typ.)	PF>0.93/230VAC F	PF>0.98/115VAC at full	load		
PUT	EFFICIENCY (Typ.)		86%	87%	87%	87%	88%
	AC CURREI	,		30VAC			
		RRENT (Typ.)	COLD START 35A/115V				
		CURRENT Note.7			Current < 100 # \(\dagger \) / \(\Dagger \)		
	LEARAGE	JURKENT Note.					
	OVERLOAD		105 ~ 135% rated outpu		-CUftfU PP		
					atically after fault condition is re		
ROTECTION	OVER VOLT	AGF	5.7 ~ 6.8V	13.8 ~ 16.2V	17.2 ~ 20.3V	27.6 ~ 32.4V	55.2 ~ 64.8V
	OVER VOL	AGE	Protection type: Shut down o/p voltage, re-power on to recover				
	OVED TEMP	DEDATURE	TSW1: Shut down o/p vo	oltage, recovers automa	atically after temperature goes d	lown	
	OVER TEMP	PERATURE	TSW2: Shut down o/p voltage, re-power on to recover				
	5V STANDBY (G model)		5Vsb: 5V@0.6A without fan, 0.8A with fan 20.5CFM; Tolerance ± 2%, ripple: 50mVp-p(max.)				
	PS-ON INPU	T SIGNAL (G model)	Power on: PS-ON = "Hi"	or " > 2 ~ 5V"; Power	off: PS-ON = "Low" or " < 0 ~ 0.5	5V"	
UNCTION	POWER GO	OD / POWER FAIL	500ms>PG>10ms	PF>1ms			
	REMOTE SE		5 ~ 15V				
	WORKING 1		-20 ~ +70°C (Refer to "D	erating Curve")			
	WORKING I						
NVIRONMENT							
NVIKUNWENI		FEIGUENT	, ,				
	TEMP. COE		±0.03%/°C (0~50°C)				
	VIBRATION		10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
	ODEDATIM		8 3000 meters				
	OPERATING	GALTITUDE Note.8	000011101010				
	SAFETY ST				601-1, CAN/CSA-C22.2 No. 60 r to BS EN/EN60335-1	601-1:14 - Edition 3	approved,
		ANDARDS	IEC60601-1, EAC TP TO TUV BS EN/EN60601-1	approved; Design refe			approved,
	SAFETY ST	ANDARDS	IEC60601-1, EAC TP TO TUV BS EN/EN60601-1	approved ; Design refe IOPP, Primary-Earth:1x	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC		approved,
	SAFETY ST.	ANDARDS LEVEL D VOLTAGE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xM I/P-O/P:4KVAC I/P-FC	approved; Design refe MOPP, Primary-Earth:1x B:2KVAC O/P-FG:1.5	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC		approved,
	SAFETY ST.	ANDARDS LEVEL	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xM	approved; Design refe MOPP, Primary-Earth:13 3:2KVAC O/P-FG:1.5 :100M Ohms / 500VDC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC		
	SAFETY ST.	ANDARDS LEVEL D VOLTAGE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xN I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter	approved ; Design refe MOPP, Primary-Earth:1) 5:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C / 70% RH andard	Test Leve	
	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh I/P-O/P:4KVAC I/P-FG I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission	approved ; Design refe MOPP, Primary-Earth:1) 5:2KVAC	r to BS EN/EN60335-1 MOPP, Secondary-Earth:1xMC KVAC / 25°C/70% RH andard EN/EN55011 (CISPR11)	Test Leve Class B	
	SAFETY ST.	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xk I/P-O/P:4KVAC I/P-FC I/P-O/P, I/P-FG, O/P-FG Parameter Conducted emission Radiated emission	approved ; Design refe MOPP, Primary-Earth:1) 5:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11)	Test Leve Class B Class B	
	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth: 1) S:2KVAC	r to BS EN/EN60335-1 MOPP, Secondary-Earth:1xMC KVAC / 25°C/ 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11) EN/EN61000-3-2	Test Leve Class B Class B Class A	
	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 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	approved ; Design refe MOPP, Primary-Earth: 1) 6:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11)	Test Leve Class B Class B	
MC	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 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	approved ; Design refe MOPP, Primary-Earth: 1) 6:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C/ 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3	Test Leve Class B Class B Class A	I / Note
МС	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 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	approved ; Design refe MOPP, Primary-Earth: 1) 6:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C/ 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3	Test Leve Class B Class B Class A Test Leve	I / Note
MC	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 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	approved ; Design refe MOPP, Primary-Earth: 1) 6:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C/ 70% RH andard EN/EN55011 (CISPR11) EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3	Test Leve Class B Class B Class A Test Leve Level 4, 15	I / Note I / Note SKV air ; Level 4, 8KV conta
MC	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth: 1) S:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10	I / Note I / Note SKV air ; Level 4, 8KV conta DV/m(80MHz~2.7GHz)
MC	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth:1) 5:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9-	I / Note I / Note 5KV air ; Level 4, 8KV conta 0V/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz
MC	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth:1) 5:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 24	I / Note I / Note 5KV air ; Level 4, 8KV containov/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz
MC	SAFETY ST. ISOLATION WITHSTANI	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth:1) S:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 24	I / Note I / Note 5KV air ; Level 4, 8KV conta 0V/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz
МС	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth:1) S:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C/70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-4	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 24	I / Note I / Note SKV air ; Level 4, 8KV conta DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz KV/Line-FG ; 2KV/Line-Line
МС	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth: 1) S:2KVAC O/P-FG:1.5 ::100M Ohms / 500VDC Sta BS BS BS BS I/EN60601-1-2 Sta BS BS BS BS BS BS BS BS BS B	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kVAC / 25°C/70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-4 EN/EN61000-4-5	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 24 Level 4, 4	I / Note I / Note SKV air ; Level 4, 8KV conta DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz KV/Line-FG ; 2KV/Line-Line
SAFETY & SMC Note 10)	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth:10 S:2KVAC O/P-FG:1.5 ::100M Ohms / 500VDC Sta BS BS BS BS BS BS BS BS BS B	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-5 EN/EN61000-4-6	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 2k Level 4, 4 Level 3, 10 Level 4, 30 100% dip 1 p	I / Note I / Note SKV air ; Level 4, 8KV contar DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz KV/Line-FG ; 2KV/Line-Line DV DA/m periods, 30% dip 25 periods,
MC	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved ; Design refe MOPP, Primary-Earth: 1) S:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-5 EN/EN61000-4-6 EN/EN61000-4-8 EN/EN61000-4-8	Test Leve Class B Class B Class A Test Leve Level 4, 16 Level 3, 10 Table 9, 9- Level 3, 24 Level 3, 10 Level 4, 3 Level 3, 10 Level 4, 30 100% dip 1p 100% interr	I / Note I / Note SKV air ; Level 4, 8KV conta DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz KV/Line-FG ; 2KV/Line-Line DV DA/m
MC Note 10)	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE SSION	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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 2082.3K hrs min. Tele	approved ; Design refe MOPP, Primary-Earth: 1) S:2KVAC	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-5 EN/EN61000-4-6 EN/EN61000-4-8 EN/EN61000-4-8	Test Leve Class B Class B Class A Test Leve Level 4, 15 Level 3, 10 Table 9, 9- Level 3, 2k Level 4, 4 Level 3, 10 Level 4, 30 100% dip 1 p	I / Note I / Note SKV air ; Level 4, 8KV conta DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz (V KV/Line-FG ; 2KV/Line-Line DV DA/m periods, 30% dip 25 periods,
MC	SAFETY ST. ISOLATION WITHSTANI ISOLATION EMC EMIS	ANDARDS LEVEL D VOLTAGE RESISTANCE SSION	IEC60601-1, EAC TP TC TUV BS EN/EN60601-1 Primary-Secondary: 2xh 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	approved; Design refe MOPP, Primary-Earth: 1) S:2KVAC O/P-FG:1.5 ::100M Ohms / 500VDC Sta BS BS BS BS BS BS BS BS BS B	r to BS EN/EN60335-1 kMOPP, Secondary-Earth:1xMC kKVAC / 25°C / 70% RH andard EN/EN55011 (CISPR11) EN/EN61000-3-2 EN/EN61000-3-3 andard EN/EN61000-4-2 EN/EN61000-4-3 EN/EN61000-4-5 EN/EN61000-4-6 EN/EN61000-4-8 EN/EN61000-4-8	Test Leve Class B Class B Class A Test Leve Level 4, 16 Level 3, 10 Table 9, 9- Level 3, 24 Level 3, 10 Level 4, 3 Level 3, 10 Level 4, 30 100% dip 1p 100% interr	I / Note I / Note SKV air ; Level 4, 8KV contar DV/m(80MHz~2.7GHz) -28V/m(385MHz~5.78GHz KV/Line-FG ; 2KV/Line-Line DV DA/m 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 0.1μf & 47μf 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 \(\alpha \) a 4/\(\alpha \) parallel capacitor.

 5. Tolerance : includes set up tolerance, line regulation and load regulation.

 6. Derating may be needed under low input voltages. Please check the derating curve for more details.

 7. Touch current was measured from primary input to DC output.

 8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).

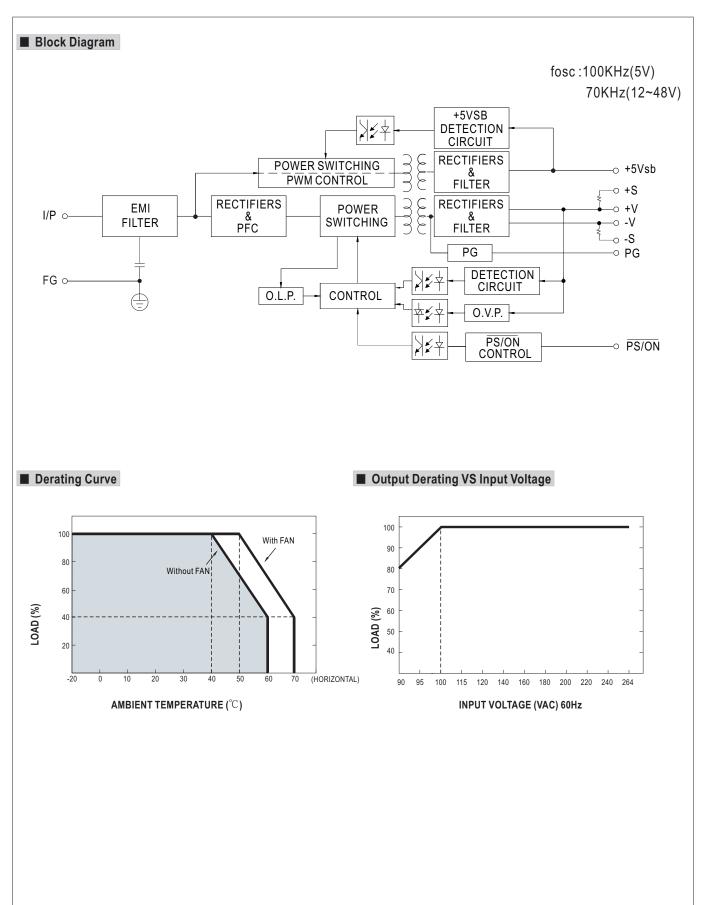
 9. HS1,HS2 & HS3 can not be shorted.

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 http://www.meanwell.com)
- Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

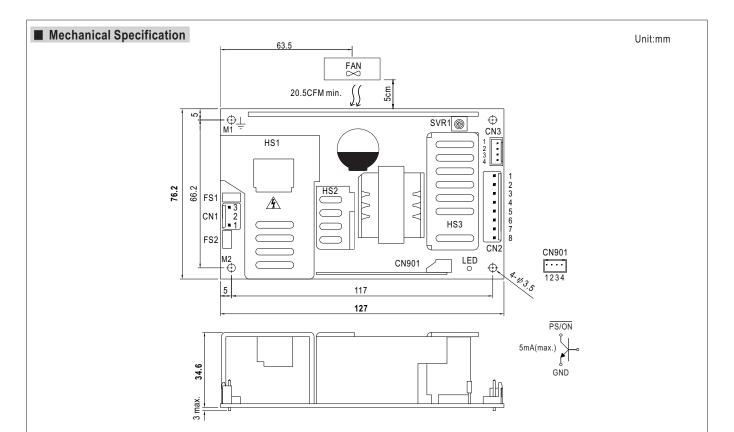


RPS-160 series





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

Pin No.	Assignment	Mating Housing	Terminal
1	AC/N	1071/110	107.01/11.047.04.4
2	No Pin	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent
3	AC/L		

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

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

± : 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		107.07/11.0047
2,4	GND	JST XHP or equivalent	JST SXH-001T or equivalent
3	5VSB		or equivalent