

















■ Features

- 4"×2" compact size
- IT & Medical safety approved (2 x MOPP) accroding to ANSI/AAMI ES60601-1, IEC/EN60601-1 and IEC/EN/UL 60950-1
- Suitable for BF application with appropriate system consideration
- · Cooling by free air convection
- EMI class B for class I configuration
- No load power consumption<0.75W
- · Protections: Short circuit / Overload / Over voltage
- · Operating altitude up to 3000 meters
- · 3 years warranty

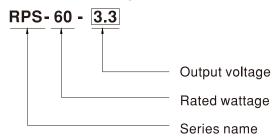
Applications

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

Description

RPS-60 is a 60W highly reliable green PCB type medical power supply with a high power density on the 4" by 2" footprint. It accepts $90\sim264$ VAC input and offers various output voltages between 3.3V and 48V. The working efficiency is up to 86% and the extremely low no load power consumption is down below 0.75W. RPS-60 is able to be used for Class I (with FG) system design. The extremely low leakage current is less than 130μ A. In addition, it conforms to international IT and medical regulations (2*MOPP) and EMC EN55022/EN55011, perfectly fitting all kinds of BF rated "patient contact" medical system equipment.

■ Model Encoding

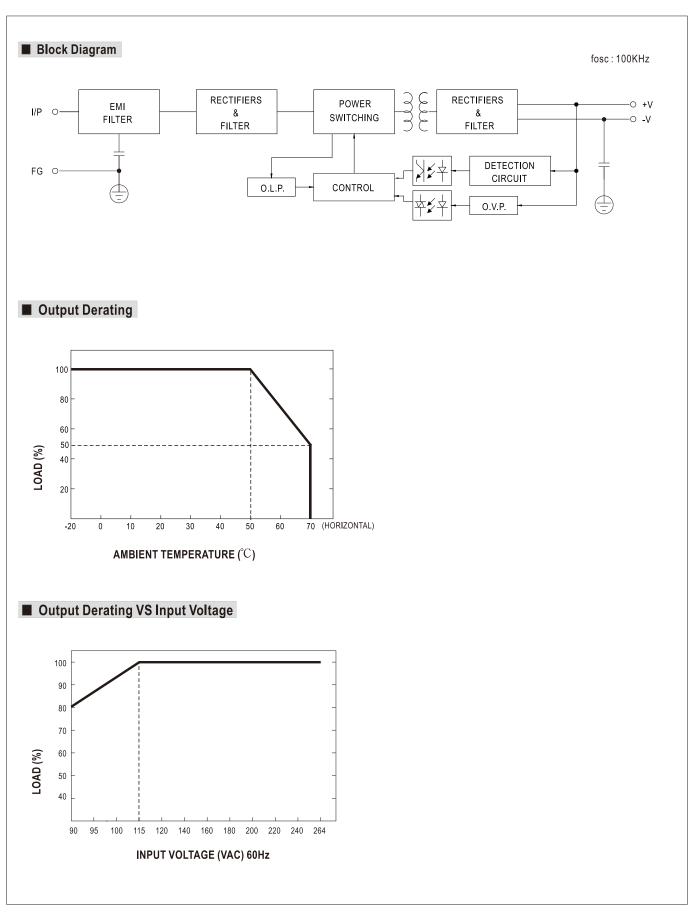


SPECIFICATION

		RPS-60-3.3	RPS-60-5	RPS-60-12	RPS-60-15	RPS-60-24	RPS-60-48	
	DC VOLTAGE	3.3V	5V	12V	15V	24V	48V	
	RATED CURRENT	10A	10A	5A	4A	2.5A	1.25A	
	CURRENT RANGE	0 ~ 11A	0 ~ 11A	0 ~ 5.5A	0 ~ 4.4A	0 ~ 2.75A	0 ~ 1.375A	
	RATED POWER	33W	50W	60W	60W	60W	60W	
	PEAK LOAD(10sec.) Note.2	36.3W	55W	66W	66W	66W	66W	
	RIPPLE & NOISE (max.) Note.3	60mVp-p	60mVp-p	60mVp-p	100mVp-p	100mVp-p	100mVp-p	
DUTPUT	VOLTAGE ADJ. RANGE	3.1 ~ 3.6V	4.75 ~ 5.5V	11.4 ~ 13.2V	13.5 ~ 16.5V	22.8 ~ 27.6V	45.6 ~ 52.8V	
	VOLTAGE TOLERANCE Note,4	±2.0%	±2,0%	±2,0%	±2.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	±0,5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	SETUP, RISE TIME			_		= 11070	= 11070	
	HOLD UP TIME (Typ.)	500ms, 30ms/230VAC 500ms, 30ms/115VAC at full load						
		60ms/230VAC 12ms/115VAC at full load						
	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC						
	FREQUENCY RANGE	47 ~ 63Hz	I =++/	1	1	1	1	
NPUT	EFFICIENCY (Typ.)	74%	79%	84%	85%	87%	86%	
	AC CURRENT (Typ.)	1.8A/115VAC	1 A/230VAC					
	INRUSH CURRENT (Typ.)	COLD START 60A/230VAC 30A/115VAC						
	LEAKAGE CURRENT(max.) Note.5	Earth leakage current < 130μ A/264VAC , Touch current < 100μ A/264VAC						
		115 ~ 150% rated ou	tput power					
PROTECTION	OVER LOAD	Protection type : Hic	cup mode, recovers	automatically after fa	ult condition is remov	ed		
		3.8 ~ 5V	5.7 ~ 6.8V	13.8 ~ 16.2V	17.2 ~ 20.3V	28.4 ~ 32.4V	55.2 ~ 64.8V	
	OVER VOLTAGE	Protection type: Sh	ut down o/p voltage,	re-power on to recov	/er			
	WORKING TEMP.	-20 ~ +70°C (Refer t	o "Derating Curve")	<u> </u>				
	WORKING HUMIDITY	-20 ~ +70°C (Refer to "Derating Curve")						
NVIDONMENT	STORAGE TEMP., HUMIDITY	•						
ENVIRONMENT	,	-40 ~ +85°C, 10 ~ 95% RH non-condensing						
	TEMP. COEFFICIENT	±0.03% fC (0~50°C)						
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
	ODEDATING ALTITUDE Note 6	3000 meters	iniii rojolo, poriou ioi	outilini each along	A, I, Z axes			
	OPERATING ALTITUDE Note.6 SAFETY STANDARDS	IEC60950-1, UL60	0950-1, TUV EN60	950-1, IEC60601-	1, TUV EN60601-1,	UL ANSI/AAMI E		
		IEC60950-1, UL60 CAN/CSA-C22.2 N	0950-1, TUV EN60 No. 60601-1:14 - E	950-1, IEC60601- dition 3, EAC TP T	1, TUV EN60601-1,			
	SAFETY STANDARDS	IEC60950-1, UL60 CAN/CSA-C22.2 N	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor	1, TUV EN60601-1, C 004 approved; De			
	SAFETY STANDARDS	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P-	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP		`	
	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P-	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP		335-1	
	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/ 25°C / 70% R	1, TUV EN60601-1, C 004 approved; Dondary-Earth:1xMOPP	esign refer to EN60	335-1	
	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	1950-1, IEC60601- idition 3, EAC TP T iarth:1xMOPP, Secon FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not	335-1	
SALETY 8	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	1950-1, IEC60601- idition 3, EAC TP T iarth:1xMOPP, Secor FG:1.5KVAC 100VDC/ 25°C / 70% R Standard EN55011 (CISF EN55011 (CISF	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B	335-1	
	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- idition 3, EAC TP T iarth:1xMOPP, Secor FG:1.5KVAC 00VDC/ 25°C / 70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not	335-1	
ЕМС	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	1950-1, IEC60601- idition 3, EAC TP T iarth:1xMOPP, Secor FG:1.5KVAC 100VDC/ 25°C / 70% R Standard EN55011 (CISF EN55011 (CISF	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B	335-1	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secon FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Note Class B Class A	335-1 e	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/R I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secon FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Note Class B Class B Class A	9 9	
SAFETY & EMC Note 8)	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secon FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Note Class B Class B Class A	9 9 ; Level 4, 8KV conta	
ЕМС	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/R I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secon FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air Level 3, 10V/m(§	e ; Level 4, 8KV conta	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/P- -FG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T farth:1xMOPP, Secor FG:1.5KVAC DOVDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-3	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air Level 3, 10V/m(8 Table 9, 9~28V/m	e ; Level 4, 8KV conta	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/PFG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/25°C/70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-3 EN61000-4-4	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(& Table 9, 9~28V/m Level 3, 2KV	e ; Level 4, 8KV conta 80MHz~2.7GHz) 1(385MHz~5.78GHz	
МС	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil EFT bursts Surge susceptibility	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/PFG:100M Ohms / 50	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/25°C/70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-4 EN61000-4-5	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(& Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line	e ; Level 4, 8KV conta	
МС	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibilit EFT bursts Surge susceptibility Conducted suscept	ity	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/25°C/70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(8 Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V	e ; Level 4, 8KV conta 80MHz~2.7GHz) 1(385MHz~5.78GHz	
МС	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil EFT bursts Surge susceptibility	ity	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/25°C/70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-4 EN61000-4-5	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(& Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V Level 4, 30A/m	e ; Level 4, 8KV conta 80MHz~2.7GHz) 1(385MHz~5.78GHz 8-FG; 2KV/Line-Line	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibilit EFT bursts Surge susceptibility Conducted suscept	ity // ibility unity	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/25°C/70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(8 Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V	a ; Level 4, 8KV conta 80MHz~2.7GHz) 10(385MHz~5.78GHz 8-FG; 2KV/Line-Line	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscept Magnetic field immu Voltage dip, interrui	ity MIL-HDBK-217F (25°	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/ 25°C / 70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-8 EN61000-4-11 C)	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(& Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V Level 4, 30A/m 100% dip 1 periods,	a ; Level 4, 8KV conta 80MHz~2.7GHz) 10 (385MHz~5.78GHz 2-FG; 2KV/Line-Line	
EMC Note 8)	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscept Magnetic field immu Voltage dip, interru	ity MIL-HDBK-217F (25°	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC DOVDC/ 25°C / 70% R Standard EN55011 (CISF EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-8 EN61000-4-11 C)	1, TUV EN60601-1, C 004 approved; Dendary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(& Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V Level 4, 30A/m 100% dip 1 periods,	a ; Level 4, 8KV conta 80MHz~2.7GHz) 10 (385MHz~5.78GHz 2-FG; 2KV/Line-Line	
EMC	SAFETY STANDARDS ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	IEC60950-1, UL60 CAN/CSA-C22.2 N Primary-Secondary: I/P-O/P:4KVAC I/F I/P-O/P, I/P-FG, O/P Parameter Conducted emission Radiated emission Harmonic current Voltage flicker EN60601-1-2 Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscept Magnetic field immu Voltage dip, interru 353.6K hrs min. M 101.6*50.8*29mm 0 0.15Kg; 96pcs/15.4K	0950-1, TUV EN60 No. 60601-1:14 - E 2xMOPP, Primary-E P-FG:2KVAC O/PFG:100M Ohms / 50 iity iity iity iity iity iity iIL-HDBK-217F (25°) r 4" * 2" *1.141" in (g/0.89CUFT	950-1, IEC60601- dition 3, EAC TP T arth:1xMOPP, Secor FG:1.5KVAC 00VDC/ 25°C/ 70% R Standard EN55011 (CISF EN61000-3-2 EN61000-3-3 Standard EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-6 EN61000-4-11 C) ch	1, TUV EN60601-1, C 004 approved; Dondary-Earth:1xMOPP	Test Level / Not Class B Class B Class A Test Level / Not Level 4, 15KV air Level 3, 10V/m(8 Table 9, 9~28V/m Level 3, 2KV Level 4, 4KV/Line Level 3, 10V Level 4, 30A/m 100% dip 1 periods, 100% interruptions	e ; Level 4, 8KV conta 80MHz~2.7GHz) 10 (385MHz~5,78GHz 8-FG; 2KV/Line-Line	

8. 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)





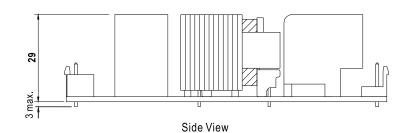
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 $4 - \phi 3.3$

CN2



Top View 101.6 95.25 HS2 SVR1 3.175



HS1

Ωπππη

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

Pin No.	Assignment	Mating Housing	Terminal	
1	AC/N	ICTVIID	ICT CV/II 24T D4 4	
2	No Pin	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent	
3	AC/L	or oquivajoni	or oquivalent	

DC Output Connector (CN2): JST B4P-VH or equivalent

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

\pm : Grounding Required



1.HS1,HS2 cannot be shorted.

CN1

44.45

50.8

2

FS2

AC FUSE T2.5/250V

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