



■ Features :

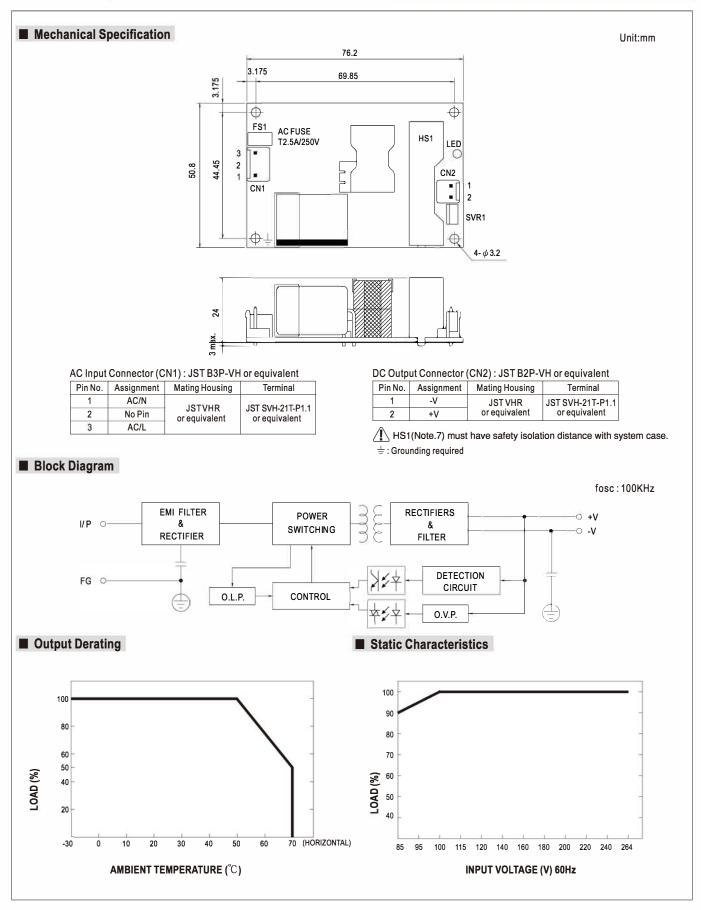
- Universal AC input / Full range
- High efficiency up to 90%
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 3"×2" compact size
- LED indicator for power on
- No load power consumption<0.3W
- 3 years warranty

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SPECIFICATION MODEL EPS-25-3.3 EPS-25-5 EPS-25-7.5 EPS-25-12 EPS-25-15 EPS-25-24 EPS-25-27 EPS-25-36 EPS-25-48 DC VOLTAGE 3.3V 5V 7.5V 12V 15V 24V 27V 36V 48V

OUTPUT	DC VOLTAGE	3.3V	5V	7.5V	12V	15V	24V	27V	36V	48V
	RATED CURRENT	5A	5A	3.4A	2.1A	1.7A	1.05A	0.95A	0.7A	0.53A
	CURRENT RANGE	0 ~ 5.5A	0 ~ 5.5A	0 ~ 3.74A	0 ~ 2.34A	0 ~ 1.87A	0 ~ 1.17A	0 ~ 1.05A	0~0.78A	0~0.59A
	RATED POWER	16.5W	25W	25.5W	25.2W	25.5W	25.2W	25.65W	25.2W	25.44W
	PEAK LOAD(10sec.) Note.6	18.15W	27.5W	28.05W	28.08W	28.05W	28.08W	28.35W	28.08W	28.32W
	RIPPLE & NOISE (max.) Note.2	60mVp-p	60mVp-p	80mVp-p	100mVp-p	100mVp-p	180mVp-p	180mVp-p	200mVp-p	240mVp-p
	VOLTAGE ADJ. RANGE	3.1 ~ 3.6V	4.75 ~ 5.5V	7.13 ~ 8.25V		13.5 ~ 16.5V	21.6 ~ 27V	24.3 ~ 29.7V		43.2 ~ 52.8V
	VOLTAGE TOLERANCE Note.3	±2.0%	±2.0%	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	1000ms, 30m	s/230VAC	1000ms, 30m	ns/115VAC at fu	ıll load				
	HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load								
	VOLTAGE RANGE Note.5	85 ~ 264VAC 120 ~ 370VDC								
INPUT	FREQUENCY RANGE	47 ~ 63Hz								
	EFFICIENCY (Typ.)	79%	81%	83%	86%	87%	88%	89%	89%	90%
	AC CURRENT (Typ.)	0.6A/115VAC	0.4A/23	BOVAC						
	INRUSH CURRENT (Typ.)	COLD START 35A/230VAC								
	LEAKAGE CURRENT	<1mA/240VAC								
PROTECTION		115 ~ 170% rated output power								
	OVER LOAD	Protection type : Hiccup mode, recovers automatically after fault condition is removed								
		3.7 ~ 4.6V 5.6 ~ 6.75V 8.63~ 10.5V 14 ~ 17V 17.25~ 20.25V 27.6 ~ 32.4V 31.05~ 36.45V 39.7 ~ 46.8V 53.3 ~ 64.8V								
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-power on to recover								
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")								
	WORKING HUMIDITY	20 ~ 90% RH non-condensing								
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)								
	OPERATING ALTITUDE Note.8	2000 meters								
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes								
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, EAC TP TC 004 approved								
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC								
EMC (Note 4)	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH								
	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2,-3, EAC TP TC 020								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, heavy industry level, criteria A, EAC TP TC 020								
OTHERS	MTBF	655.3K hrs min. MIL-HDBK-217F (25°C)								
	DIMENSION	76.2*50.8*24mm (L*W*H)								
	PACKING	0.081Kg; 120	pcs/10.7Kg/0.9	97CUFT						
NOTE	Ripple & noise are measure Tolerance : includes set up The power supply is consid a 360mm*360mm metal pla perform these EMC tests, p Derating may be needed ur 33% Duty cycle maximum v EPS-25-15/24/27/36/48 witt	ally mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. ed at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. tolerance, line regulation and load regulation. lered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on ate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to blease refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com) noder low input voltage. Please check the static characteristics for more details. within every 30 seconds. Average output power should not exceed the rated power. hout Hs1. lerating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).								





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