



Features:

- Universal AC input / Full range
- Low leakage current \leq 0.3mA
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 45KHz
- 3 years warranty







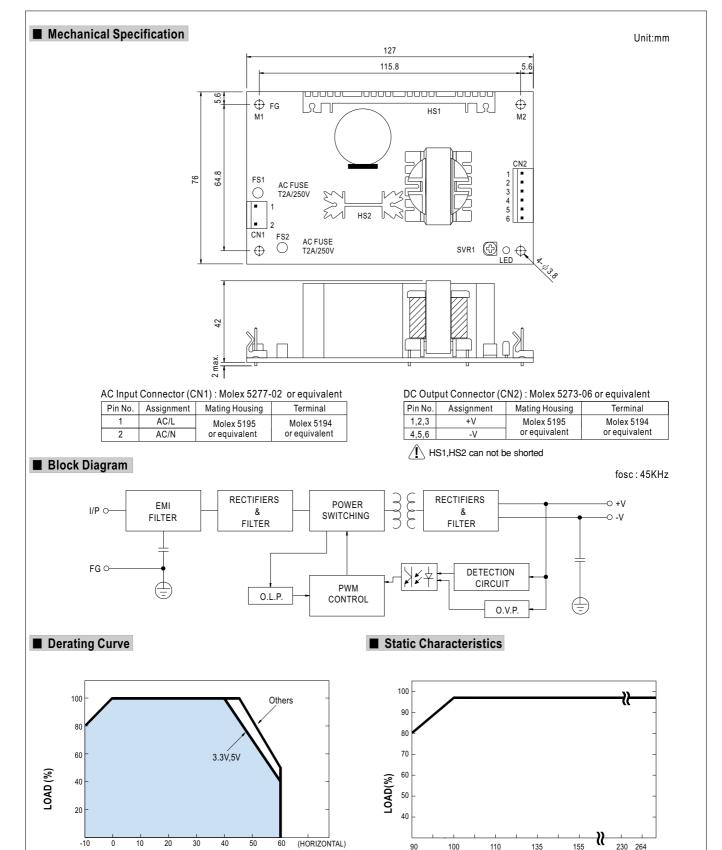


SPECIFICATION

MODEL		MPS-65-3.3	MPS-65-5	MPS-65-7.5	MPS-65-12	MPS-65-13.5	MPS-65-15	MPS-65-24	MPS-65-27	MPS-65-48	
ОИТРИТ	DC VOLTAGE	3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	RATED CURRENT	12A	12A	8A	5.2A	4.7A	4.2A	2.7A	2.4A	1.35A	
	CURRENT RANGE	0 ~ 15.2A	0 ~ 13.8A	0~9.6A	0~6A	0 ~ 5.4A	0 ~ 4.8A	0 ~ 3A	0 ~ 2.7A	0 ~ 1.5A	
	RATED POWER	39.6W	60W	60W	62.4W	63.5W	63W	64.8W	64.8W	64.8W	
	OUTPUT POWER (max.)	72W(+3.3V:50W;+5V:69W)with 18CFM min. Forced air convection									
	RIPPLE & NOISE (max.) Note.2	80mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	
	VOLTAGE ADJ. RANGE	2.97 ~ 3.63V	4.5 ~ 5.5V	6.75 ~ 8.25V	10.8 ~ 13.2V	12.2 ~ 14.85V	13.5 ~ 16.5V	21.6 ~ 26.4V		43.2 ~ 52.8\	
	VOLTAGE TOLERANCE Note.3	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	
	LINE REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LOAD REGULATION	±3.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	
	SETUP, RISE TIME	800ms, 30ms	/230VAC	800ms, 30ms/	115VAC at full I	oad				1	
	HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load									
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC									
	FREQUENCY RANGE	47 ~ 440Hz									
	EFFICIENCY(Typ.)	66%	74%	76%	77%	78%	79%	80%	80%	80%	
	AC CURRENT (Typ.)	1.6A/115VAC 0.9A/230VAC									
	INRUSH CURRENT (Typ.)	COLD START 17A/115VAC 35A/230VAC									
	LEAKAGE CURRENT	<0.3mA / 264VAC									
PROTECTION	OVER OAR	73 ~ 105W (3.3V:51 ~ 75W)(5V:70 ~ 105W) rated output power									
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed									
	OVED VOLTA OF	3.8 ~ 4.46V 5.75 ~ 6.75V 8.63 ~ 10.1V 13.8 ~ 16.2V 15.5 ~ 18.2V 17.25 ~ 20.25V 27.6 ~ 32.4V 31 ~ 36.45V 55.2 ~ 64.8V									
	OVER VOLTAGE	Protection type: Hiccup mode, recovers automatically after fault condition is removed									
ENVIRONMENT	WORKING TEMP.	-10 ~ +60 $^{\circ}$ C (Refer to output load derating curve)									
	WORKING HUMIDITY	20 ~ 90% RH non-condensing									
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH									
	TEMP. COEFFICIENT	±0.04%/℃ (0~50°C)									
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
	SAFETY STANDARDS	UL2601-1, TUV EN60601-1, IEC60601-1 approved									
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC									
SAFETY &	ISOLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH									
EMC (Note 4)	EMI CONDUCTION & RADIATION	Compliance to EN55011 (CISPR11) Class B									
(HARMONIC CURRENT	Compliance to EN61000-3-2,-3									
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN60601-1-2, medical level, criteria A									
	MTBF	359.7Khrs min. MIL-HDBK-217F (25°ℂ)									
OTHERS	DIMENSION	127*76*42mm (L*W*H)									
	PACKING	0.23Kg; 54pc	0.23Kg; 54pcs/14.6Kg/1.35CUFT								
NOTE	Ripple & noise are measure Tolerance: includes set up The power supply is consid EMC directives. For guidan (as available on http://www. Mounting holes M1 and M2	I parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. I pole & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. I polerance: includes set up tolerance, line regulation and load regulation. I power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets MC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." s available on http://www.meanwell.com) Ounting holes M1 and M2 should be grounded for EMI purposes. Beat Sink HS1,HS2 can not be shorted.									

AMBIENT TEMPERATURE (°C)





INPUT VOLTAGE (V) 60Hz