

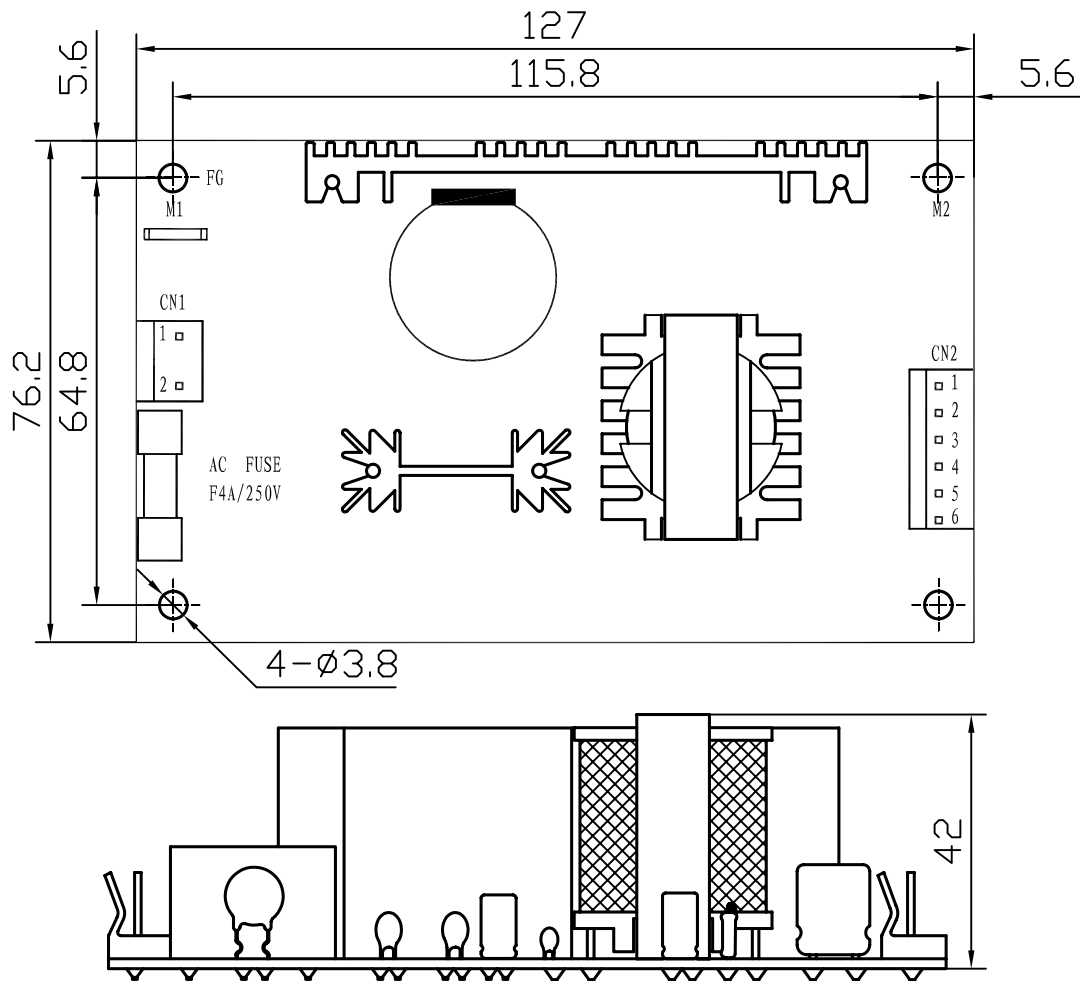
**Features:**

- High efficiency, high reliability
- Universal AC input/ full range
- Low leakage current <0.5mA
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- Cooling by free air convection
- Fixed switching frequency at 65KHz
- 2 years warranty
- Dimensions: 127\*76.2\*42mm (L\*W\*H)



MODLE		HPS-65 -3.3	HPS-65 -5	HPS-65 -7.5	HPS-65 -12	HPS-65 -13.5	HPS-65 -15	HPS-65 -24	HPS-65 -27	HPS-65 -48	
OUTPUT	DC VOLTAGE	3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	VOLTAGE TOLERANCE	±3.0%	±3.0%	±3.0%	±2%	±2%	±2%	±2%	±2%	±2%	
	RATED CURRENT	12A	12A	8A	5.2A	4.7A	4.2A	2.7A	2.4A	1.3A	
	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	
	RIPPLE & NOISE	80mVp-p					100mVp-p				
	DC ADJUSTMENT RANGE	-5%, +10%									
	SETUP, RISE, HOLD TIME	800ms, 20ms, 60ms at full load									
INPUT	VOLTAGE RANGE	90~264VAC 47~440Hz , 127~370VDC									
	AC CURRENT	1.2A/115VAC			0.72A/230VAC						
	EFFICIENCY	69%	76%	79%	79%	79%	79%	80%	80%	80%	
	INRUSH CURRENT	Cold start 20A/115VAC			40A/230VAC						
	LEAKAGE CURRENT	<0.5 mA/240VAC									
PROTECTION	OVER LOAD	53-75W (3.3V:36-55W) Hiccupe mode, recovers automatically after fault condition is removed									
	OVER PROTECTION	115%~135% Hiccup mode, reovers automatically after fault condition is removed									
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10℃~+60℃; 20%~90 %RH									
	STORAGE TEMP., HUMIDITY	-20℃~+85℃; 10%~95 %RH									
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes									
SAFETY	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC		I/P-FG: 1.5KVAC			O/P-FG: 0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC									
STANDARD	SAFETY STANDARD	Design refer to UL60950, TUV EN60950-1									
	EMC STANDARD	Design refer to EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11; ENV50204,EN55024									
OTHERS	WEIGHT	0.21Kg									
	PACKING	54pcs/14.2Kg/1.35CUFT									
NOTE	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ &amp; 47 μ parallel capacitor.</li> <li>Tolerance: includes set up tolerance, line regulation and load regulation.</li> <li>The 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 EMC directives.</li> <li>Mounting holes M1 and M2 should be grounded for EMI purposes.</li> </ol>										

■ Outline and Dimension:



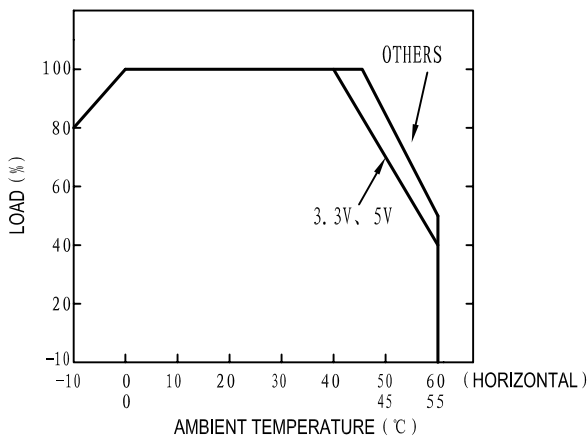
AC Input Connetor (CN1) : Molex 5277-02 or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	AC/N	Molex 5195 or equivalent	Molex 5194 or equivalent
2	AC/L		

DC Output Connector (CN2) : Molex 5273-06 or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1, 2, 3	+V	Molex 5195 or equivalent	Molex 5194 or equivalent
4, 5, 6	-V		

■ Output Derating



■ Output Derating VS Input Voltage

