

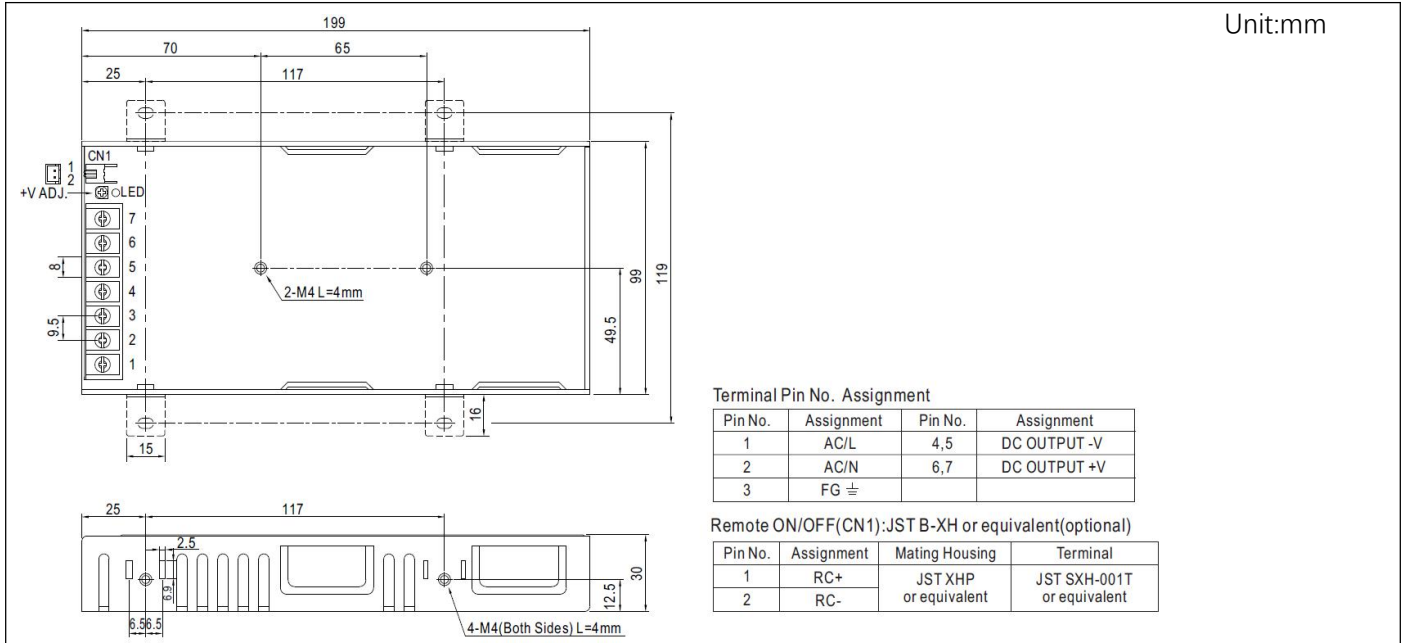
Features:

- Universal AC input 90~264VAC
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- 1U low profile 30mm
- 100% full load burn-in test
- LED indicator for power on
- Remote control (RC) function
- Low cost, high reliability
- 3 years warranty
- 3.3V 15V 27V 36V output voltage are available

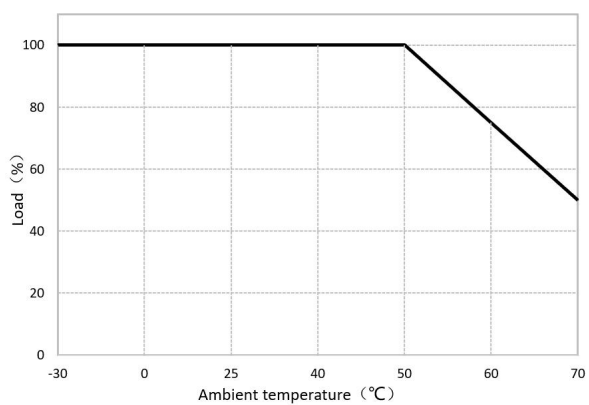
Specification

MODEL		LP-150-5	LP-150-12	LP-150-24	LP-150-48	
OUTPUT	DC VOLTAGE	5V	12V	24V	48V	
	RATED CURRENT	30A	12.5A	6.3A	3.2A	
	CURRENT RANGE	0~30A	0~12.5A	0~6.3A	0~3.2A	
	RATED POWER	150W	150W	151.2W	153.6W	
	RIPPLE&NOISE (max.)	100mVp-p	100mVp-p	150mVp-p	200mVp-p	
	VOLTAGE ADJ.RANGE	4.5~5.5V	10.2~13.8V	21.6~28.8V	43.2~52.8V	
	VOLTAGE TOLERANCE	±3.0%	±1.5%	±1.0%	±1.0%	
	LINE REGULATION Note4	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION Note5	±0.5%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE TIME	600ms,50ms/230VAC 600ms,50ms/115VAC				
	HOLD UP TIME(Typ.)	16ms/230VAC 16ms/115VAC				
INPUT	VOLTAGE RANGE	90~264VAC 124~370VDC				
	FREQUENCY RANGE	47~63Hz				
	POWER FACTOR(Typ.)	PF>0.95/230VAC PF>0.98/115VAC at full load				
	EFFICIENCY(Typ.)	87%	90%	90%	90%	
	AC CURRENT(Typ.)	1.6A/115VAC 0.8A/230VAC				
	INRUSH CURRENT(Typ.)	20A/115VAC 40A/230VAC (cold start)				
	LEAKAGE CURRENT	<1mA/240VAC				
PROTECTION	OVER LOAD	110%~140% rated output power				
		Protection type: Constant current limiting>3s, then hiccup, recovers automatically after fault condition is removed				
	OVER VOLTAGE	5.75~6.75V	13.8~16.2V	28.8~33.6V	55.2~64.8V	
		Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	OVER TEMPERATURE	Protection type: Hiccup mode, recovers automatically after fault condition is removed				
FUNCTION	Remote control	CN1:4~10VDC power on, 0~0.8VDC power off				
ENVIRONMENT	WORKING TEMP.,	-30~+70℃（Refer to "Derating curve"），20~90%RH non-condensing				
	STORAGE TEMP.,	-40~+85℃，10~95%RH				
	TEMP. COEFFICIENT	±0.03%/℃（0~50℃）				
	VIBRATION	10~500Hz，2G 10min./1 cycle，each along X、Y、Z axes				
SAFETY	SAFETY STANDARDS	IEC/UL62368-1，GB4943.1-2011				
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100MΩ/500Vdc/25℃/70%RH				
	EMI	EN55032:2015, Class B				
	EMS	EN61000-3-3:2013, EN55035:2017, EN55024:2010+A1:2015				
OTHERS	MTBF	≥300Khrs MIL-HDBK-217F(25℃)				
	DIMENSION	199*99*30mm(L*W*H)				
	PACKING	Kg; 15pcs/ Kg/0.78CUFT				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation 4. Line regulation is measured from low line and high line at rated load. 5. Load regulation is measured from 0% to 100% rated load.					

Mechanical specification



Derating curve



Static characteristics

