



FEATURES

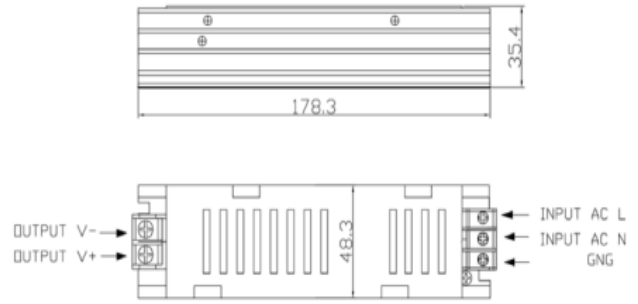
- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Conform to EMC EN5502 GB9254
- Built-in EMI filter with tiny ripple
- Comply with the safety standards UL60950 GB4943 EN60850
- Protection: short circuit/over Voltage/over/load temperature

MODEL		12V 100W	24V 100W
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	8.5A	4.5A
	CURRENT RANGE	0~8.5A	0~4.5A
	RATED POWER	100W	100W
	RIPPLE& NOISE (MAX.)	120mVp-p	120mVp-p
	VOLTAGE TOLERANCE	±1%	±1%
	SETUP , RISE TIME	1000ms, 20ms/230VAC 1000ms, 20ms/115VAC at full load	
HOLD UP TIME(Typ.)	30ms/230VAC 25ms/115VAC at full load		
INPUT	VOLTAGE RANGE	85 ~ 264VAC	
	FREQUENCY RANGE	47~63Hz	
	POWER FACTOR(Typ.)	PF>0.6/220VAC	
	EFFICIENCY(Typ.)	85%	85%
	AC CURRENT(Typ.)	2A/115VAC 1.2A/230VAC	
	INRUSH CURRENT(Typ.)	COLD START 45A	
	SHORT CIRCUIT	protection type: recovers automatically after fault condition is removed	
PROTECTION	OVER LOAD	105~135% hiccup mode, auto-recovery	
	DC ADJ. RANGE	115~135%hiccup mode, auto-recovery	
ENVIRONMENT	WORKING TEMP	"-20°C+60°C(no frost)	
	WORKING HUMIDITY	20%~90%RH	
	STORAGE TEMP , HUMIDITY	-40°C~85°C/10%~95%RH	
SAFETY&EMC	SAFETY STANDARDS	CE ROHS EMC	
	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min	
	EMC TESTING STANDARD	EN55015:2006; EN61547:1995+A1:2000;EN61000-3-2:2006 EN61000-3-3:1995+A2:2005; EN61347-3-13:2006	

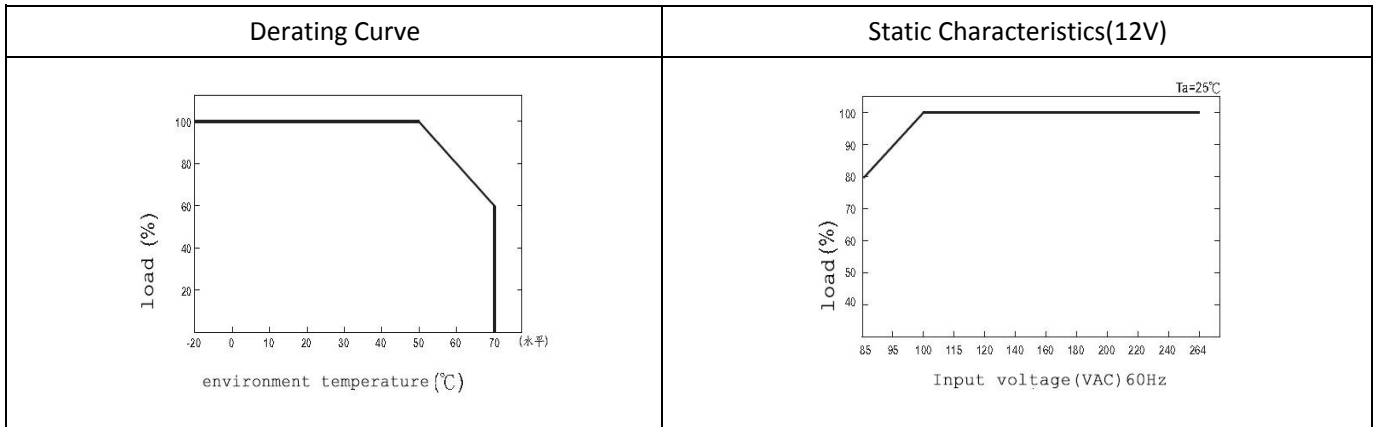
Mechanical Specification

Terminal Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	2	DC OUTPUT-V
2	AC/N	2	DC OUTPUT+V
3	FG		
Dimension: 178*48*34.5mm		Carton size: 430*278*227 mm	
Carton Quantity: 64PCS/Carton		Weight: 0.35kg/PCS	



Product model: LTT100W



REMARKS:

- 1, The above mentioned data were measured at 230VAC input and 25°C.
- 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, Cut the AC input before checking any mal-phenomenons.
- 4, Make sure the INPUT&OUPUT were in right situation before connected to power supply.
- 5, Be ware of high power pressure may caused by short circuit when installing metal casing products.
- 6, Please contact us at info@xinrealpower.com for further solution if any unforeable problem happens.