



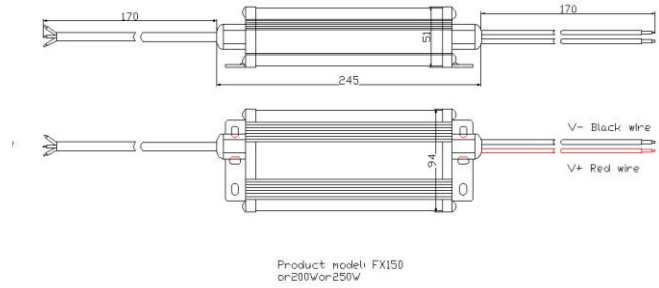
FEATURES

- 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 150W	24V 150W
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	12.5A	6.5A
	CURRENT RANGE	0~12.5A	0~6.5A
	RATED POWER	150W	150W
	RIPPLE& NOISE (MAX.)	80mVp-p	120mVp-p
	VOLTAGE TOLERANCE	±1%	±1%
	SETUP , RISE TIME	800ms, 20ms/230VAC 1200ms, 30ms/115VAC at full load	
	HOLD UP TIME(Typ.)	24ms/230VAC 20ms/115VAC at full load	
INPUT	VOLTAGE RANGE	85 ~ 264VAC	
	FREQUENCY RANGE	47~63Hz	
	POWER FACTOR(Typ.)	PF>0.6/220VAC	
	EFFICIENCY(Typ.)	84%	85%
	AC CURRENT(Typ.)	3A/115VAC 2A/230VAC	
	INRUSH CURRENT(Typ.)	COLD START 45A/230VAC	
	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% Cut off the output , auto-recovery	
ENVIRONMENT	WORKING TEMP	-20°C ~ +60°C	
	WORKING HUMIDITY	20%~90%RH	
	STORAGE TEMP , HUMIDITY	-40°C ~+85°C ,10%~90%RH	
SAFETY&EMC	SAFETY STANDARDS	CE,ROHS	
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	EMC TESTING STANDARD	EN55015:2006;EN61547:1995+A1:2000;EN61000-3-2:2006; EN61000-3-3:1995+A2:2005;EN61347-1:2001;EN61347-2-13:2006	

Mechanical Specification

Terminal Assignment			
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4.5	DC OUTPUT-V
2	AC/N	6.7	DC OUTPUT+V
3	⏏ FG		
Dimension: 230*92*53mm		Carton size: 464*357*372 mm	
Carton Quantity: 30PCS/Carton		Weight: 0.66kg/PCS	



Derating Curve	Static Characteristics(12V)
<p>The graph shows the load capacity percentage as a function of environment temperature. The load is constant at 100% from -20°C to 50°C. Between 50°C and 70°C, the load capacity decreases linearly from 100% to 60%. At 70°C, the load capacity drops to 0%.</p>	<p>The graph shows the load capacity percentage as a function of input voltage at 60Hz. The load capacity is 80% at 85VAC and increases linearly to 100% at 100VAC. It remains constant at 100% up to 264VAC. The test condition is Ta=25°C.</p>

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.