

XPR150 Series



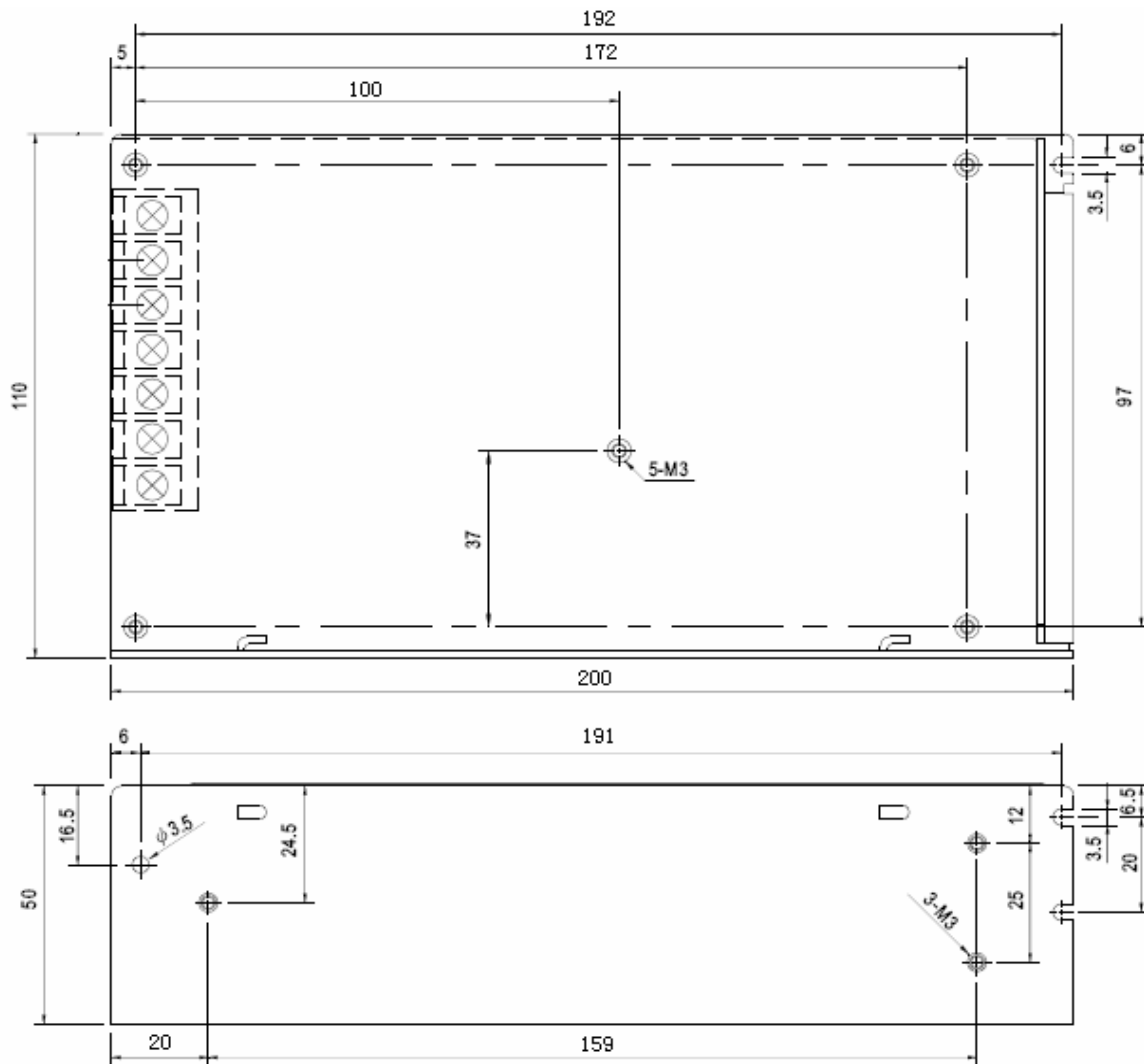
- Single output
- High reliability, low-power and high efficiency
- Universal AC input / Full range
- 100% full load burn-in test
- Protections: Over voltage/Over load /Short circuit
- 2 year warranty

SPECIFICATIONS

ITEMS		MODEL	XPR150-A-5	XPR150-A-12	XPR150-A-15	XPR150-A-24	XPR150-A-48
OUTPUT	RATED VOLTAGE		5V	12V	15V	24V	48V
	VOTAGE ADJ. RANGE		4.75V~5.25V	10.8~13.2V	13.5~16.5V	21.6~26.4V	43.2~52.8V
	RATED CURRENT		30A	12.5A	10A	6.25A	3.2A
	RATED POWER		150W	150W	150W	150W	150W
	RIPPLE&NOISE(max)		150 mV	150 mV	150 mV	150 mV	240 mV
	LINE REGULATION(max)		±1%	±1%	±1%	±1%	±1%
	LOAD REGULATION(max)		±1%	±1%	±1%	±1%	±1%
	HOLD UP TIME(Typ.)		20ms/ 230V				
INPUT	EFFICIENCY(Typ.)		78%	82%	84%	85%	87%
	VOLTAGE RANGE		85~264VAC				
	INRUSH CURRENT(Typ.)		25A/50A (AC115V/230V)				
PROTECTION	OVER CURRENT		105% rated output current				
	OVER VOLATAGE		115%~150% rated output voltage				
ISOLATION	WITHSTAND VOTAGE		I/P-0/P	1.5KVAC (10mA)			
			I/P-FG	1.5KVAC (10mA)			
			0/P-FG	500VAC (20mA)			
ISOLATION RESISTANCE			I/P-0/P	500VDC >100MΩ			
			I/P-FG	500VDC >100MΩ			
			0/P-FG	500VDC >100MΩ			
ENVIRONMENT	WORKING TEMP.		-10~60°C (Refer to output load derating curve)				
	STORAGE TEMP.		-20~75°C				
	STORAGE HUMIDITY		10~95%RH(non-condensing)				
REFERENCE STANDARDS	EMC STANDARDS		Compliance to EN55011,EN55022 class B EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11				
	SAFETY STANDARDS		Compliance to UL60950 , EN60950				
OTHERS	COOLING		Free air convection				
	MTBF (h)		≥200,000				
	DIMENSION		200*110*50 mm				



■ Mechanical Specification(mm)



■ Derating Curve

