

XPR100 Series



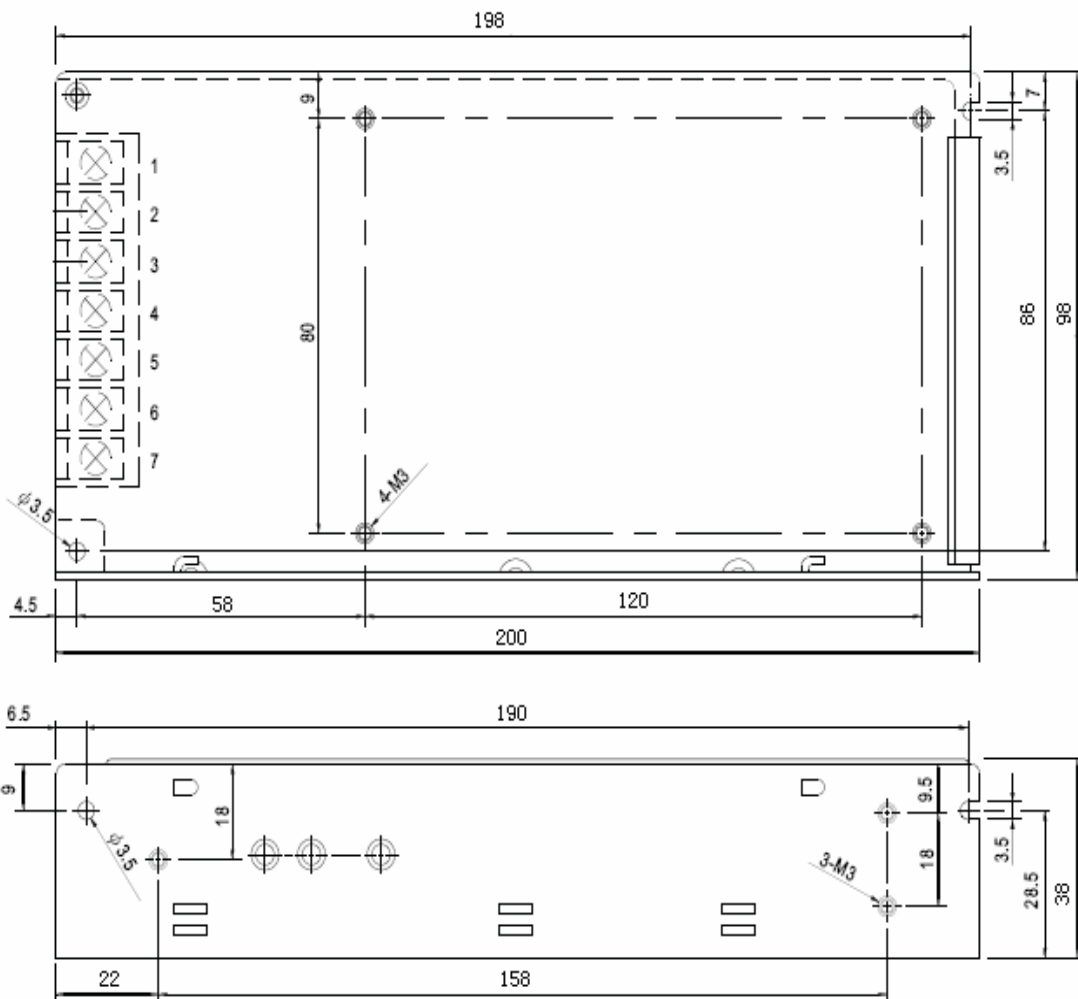
- Single output
- High reliability, low-power and high efficiency
- Universal AC input / Full range
- 100% full load burn-in test
- Protections: Over voltage/Over load /Short circuit
- 2 year warranty

技术规格

指标(items)		型号(model)			
		XPR100-A-5	XPR100-A-12	XPR100-A-15	XPR100-A-24
OUTPUT	RATED VOLTAGE	5V	12V	15V	24V
	VOTAGE ADJ. RANGE	4.75V~5.25V	10.8~13.2V	13.5~16.5V	21.6~26.4V
	RATED CURRENT	20A	8.5A	6.7A	4.5A
	RATED POWER	100W	100W	100W	100W
	RIPPLE&NOISE(max)	100 mV	100 mV	100 mV	100 mV
	LINE REGULATION(max)	±1%	±1%	±1%	±1%
	LOAD REGULATION(max)	±1%	±1%	±1%	±1%
	HOLD UP TIME(Typ.)	20ms/ 230V			
INPUT	EFFICIENCY(Typ.)	78%	81%	81%	84%
	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	ISOLATION RESISTANCE	I/P-0/P	500VDC >100MΩ		
		I/P-FG	500VDC >100MΩ		
		0/P-FG	500VDC >100MΩ		
ENVIRONMENT	WORKING TEMP.	-10~60℃ (Refer to output load derating curve)			
	STORAGE TEMP.	-20~75℃			
	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*98*38 mm			



■ Mechanical Specification(mm)



■ Derating Curve

