



Features:

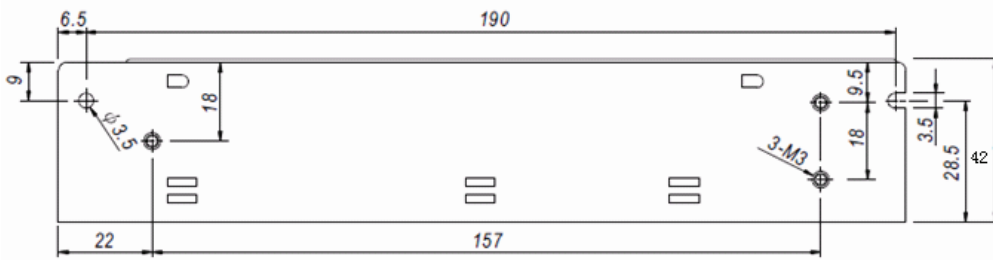
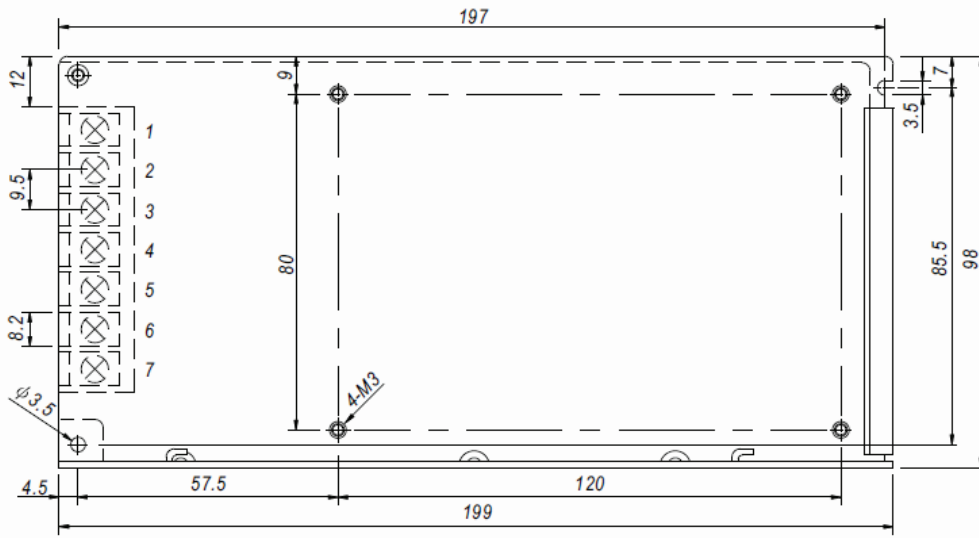
- AC input range selectable by switch
- Protections: Short circuit/Overload/Over voltage
- 100% full load burn-in test
- Cooling by free air convection
- LED indicator for power on
- High efficiency up to 81%
- Low cost, high reliability
- 2 year warranty



SPECIFICATION

MODEL	PAS-120-12	
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	10A
	CURRENT RANGE	0~10A
	RATED POWER	120W
	RIPPLE & NOISE (max.)	150mVp-p
	VOLTAGE ADJ. RANGE	11.4-13.5V
	VOLTAGE TOLERANCE	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
	SETUP, RISE TIME	1000ms, 50ms/230VAC 1500ms, 50ms/115VAC at full load
	HOLD UP TIME(Typ.)	20ms/230VAC 15ms/115VAC at full load
INPUT	VOLTAGE RANGE	100 ~132VAC/180~245VAC by switch
	FREQUENCY RANGE	50 ~ 60Hz
	EFFICIENCY (Typ.)	81%
	AC CURRENT (Typ.)	4.5A/115VAC 2.5A/230VAC
	INRUSH CURRENT (Typ.)	40A/150VAC 55A/230VAC
	LEAKAGE CURRENT	<3.0mA / 240VAC
PROTECTION	OVERLOAD	115 ~ 135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	13.8 ~ 16.2V Protection type : Hiccup mode, recovers automatically after fault condition is removed
ENVIRONMENT	WORKING TEMP.	-20 ~ +60 (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-20 ~ +85 , 10 ~ 95% RH
SAFETY	SAFETY STANDARDS	CE approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
OTHERS	DIMENSION	199*98*42mm
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.	

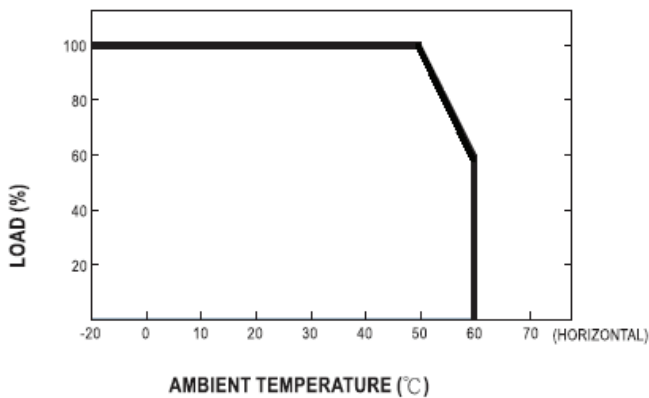
■ **Mechanical Specification**



Terminal Pin No. 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 \perp		

■ **Derating Curve**



■ **Static Characteristics**

