



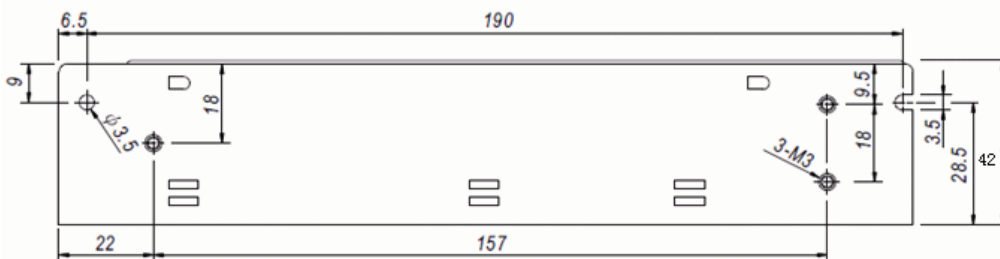
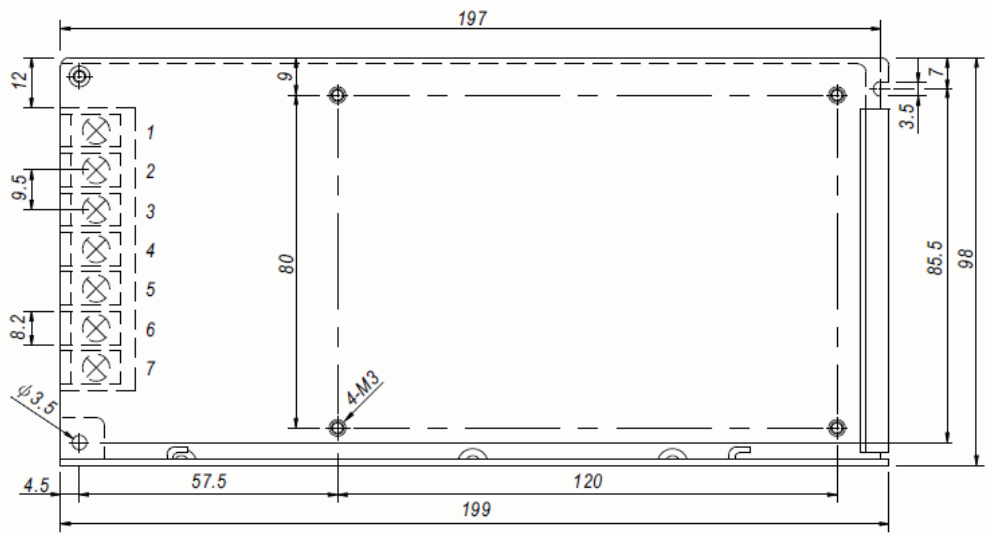
- **Features:**
  - AC input range selectable by switch
  - Protections: Short circuit/Overload/Over voltage
  - 100% full load burn-in test
  - Cooling by free air convection
  - LED indicator for power on
  - High efficiency up to 82%
  - Withstand 300VAC surge input for 5 second
  - Low cost, high reliability



**SPECIFICATION**

MODEL	PAS-180-12	
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	15A
	CURRENT RANGE	0~15A
	RATED POWER	180W
	RIPPLE & NOISE (max.)	180mVp-p
	VOLTAGE ADJ. RANGE	10.8-13.2V
	VOLTAGE TOLERANCE	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
	SETUP, RISE TIME	1500ms, 50ms/230VAC 1500ms, 50ms/115VAC at full load
	HOLD UP TIME(Typ.)	20ms/230VAC 16ms/115VAC at full load
INPUT	VOLTAGE RANGE	100 ~132VAC/180~245VAC by switch
	FREQUENCY RANGE	50 ~ 60Hz
	EFFICIENCY (Typ.)	82%
	AC CURRENT (Typ.)	4.5A/115VAC 2.5A/230VAC
	INRUSH CURRENT (Typ.)	40A/230VAC 55A/230VAC
	LEAKAGE CURRENT	<4.5mA / 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.	

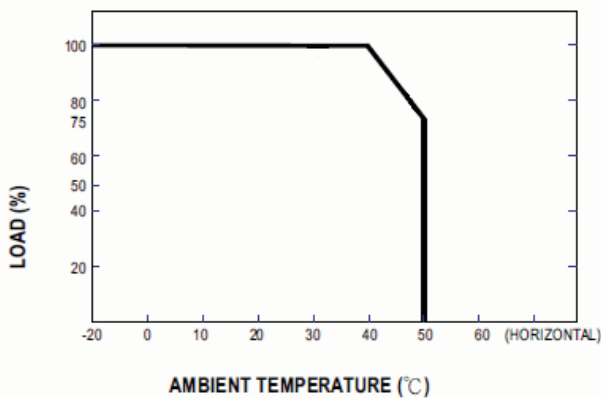
**Mechanical Specification**



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**

