

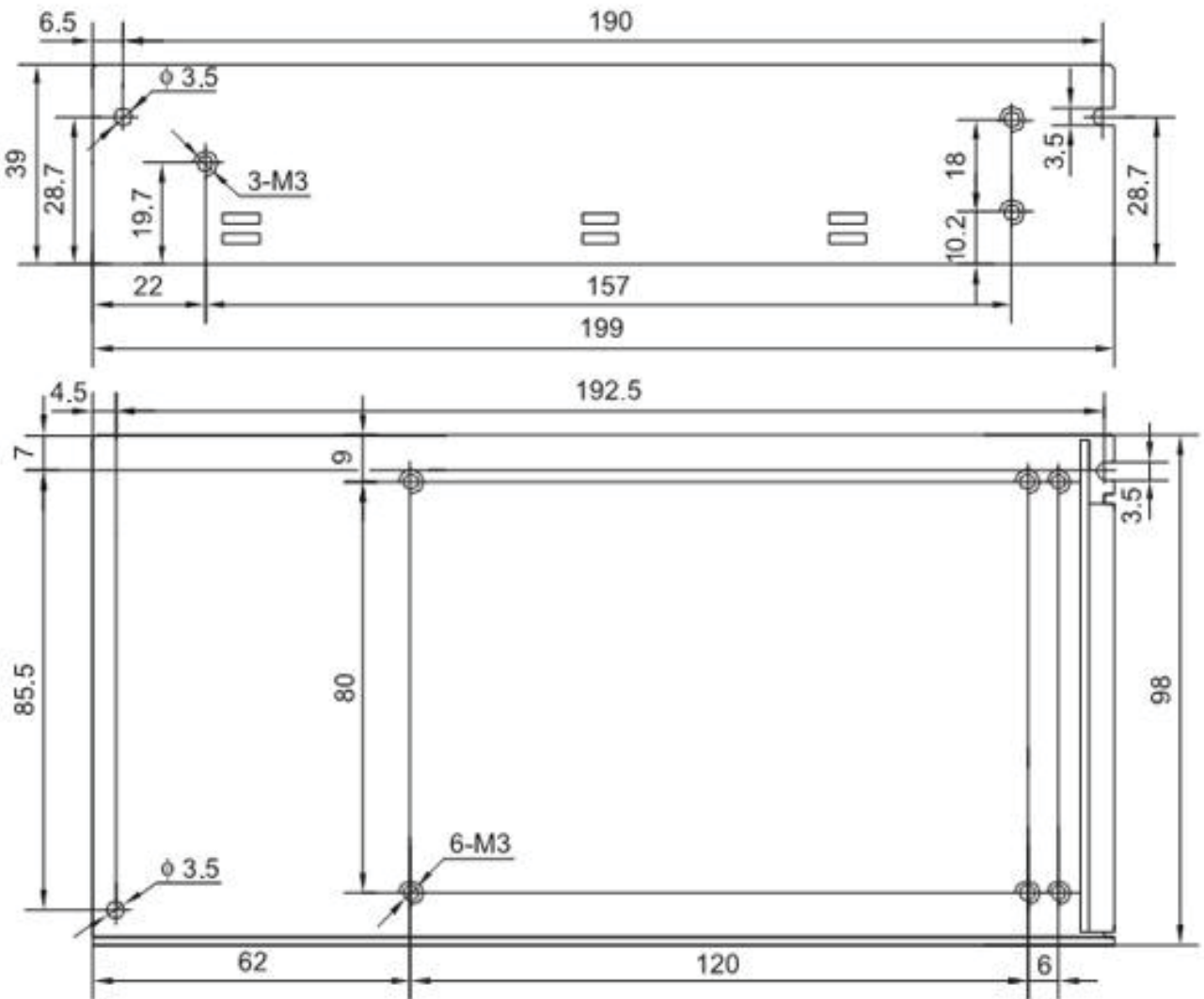


100 watt LED power supply
 Input voltage 170 - 264 AC
 8.5 Amps at 12 Volts

Dimension	L199 * W98 * H39 mm (L7.83 * W3.86 * H1.54 inch)	L199 * W98 * H39 mm (L7.83 * W3.86 * H1.54 inch)
Weight	580g	580g

Remark: Output is available from 3VDC~48VDC.

Drawing (Unit: mm)



Features

- Direct Assembly on DIN -Rail.
- Touch -guard Screw Terminals.
- Overload Protection, Constant Current Limiting, Reset: Auto Recovery.
- Short -Circuit Proof, 100% Full Load Burn-in Test.
- Built -in EMI Filter, Low Ripple Noise.
- Simple primary hook -ups, Class 2 outputs.
- No minimum load, no load balancing and no dip switches.
- Proven reliability, rugged housings.

Part Numbers

Part Number	Description	Unit
PSULED10012	Open frame, 100W, 12VDC 8.5A, 240VAC input	pcs
		pcs

Technical Specifications

Part Number	PSULED10012	
Specification		
Input Voltage	85 VAC~132 VAC, 170 VAC~264 VAC	85 VAC~132 VAC, 170 VAC~264 VAC
Input frequency	47 Hz ~63Hz	47 Hz ~63Hz
Output Voltage	12VDC	24VDC
Output Current	8.5A	4.5A
Line regulation	<± 0.5%	<± 0.5%
Full load efficiency	>80%	>80%
Inrush current	20A/115V , 40A/230V (cold start)	20A/115V , 40A/230V (cold start)
Input leakage current	<0.7mA/230VAC	<0.7mA/230VAC
Output voltage adjust range	± 10%	± 10%
Output overload current protection	110%~130%, current limiting, auto recovery	110%~130%, current limiting, auto recovery
Output overload voltage protection	115%~150%	115%~150%
Rise time	50ms@full load(typical)	50ms@full load(typical)
Hold-up time	20ms@full load(typical)	20ms@full load(typical)
Operating temperature & humidity	-10? ~50? (14? ~122?), 20%~93%RH(non-condensing)	-10? ~50? (14? ~122?), 20%~93%RH(non-condensing)
Storage temperature & humidity	-20? ~85? (-4? ~185?), 20%~95%RH(non-condensing)	-20? ~85? (-4? ~185?), 20%~95%RH(non-condensing)
Cooling method	Convection	Convection
Work environment	Indoor use, applicable for dry environment	Indoor use, applicable for dry environment