

STD 120

Desktop

108W~120W

Country of Origin : China

Operating Temperature : 0 ~ 40° C

Dimension : 168 x 65.9 x 39 mm

Approvals / Marks : CUL / UL / GS / PSE / BSMI / CCC / RCM



Features:

Universal range 90 ~ 264VAC / 47~63Hz

Over Voltage, Short Circuit & Over Current Protection

Leakage Current less than 3.5mA

1 year warranty

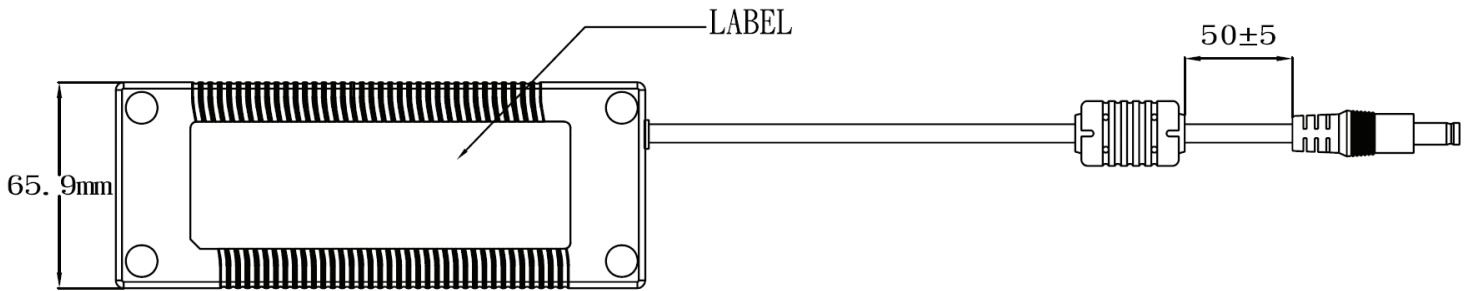
Specification:

		OUTPUT				
	MODEL	Voltage	min. Load	max. Load	CEC Level	Max. Power
OUTPUT	STD-12090	12V	0A	9.0A	IV	108.0W
	STD-15080	15V	0A	8.0A	IV	120.0W
	STD-16075	16V	0A	7.5A	IV	120.0W
	STD-18066	18V	0A	6.6A	IV	118.8W
	STD-19063	19V	0A	6.3A	IV	119.7W
	STD-20060	20V	0A	6.0A	IV	120.0W
	STD-24050	24V	0A	5.0A	V	120.0W
	STD-48025	48V	0A	2.5A	IV	120.0W
Efficiency	Eff (av) ≥ 85% (At 115 Vac & 230 Vac) / STD-24050 ≥ 87% (At 115 Vac & 230 Vac)					
Load Regulation	±5%					
INPUT	Voltage	90 ~ 264VAC				
	Frequency	47 ~ 63Hz				
	Current (rms max)	1.6A Max.				
	Leakage Current	< 3.5mA				
	Inrush Current	60A Max. / 240Vac (Cold start at 25 °C, full load)				
PROTECTION	Over Current	Iout (110%~150%)				
	Over Voltage	V out * (110% ~ 150%)				
	Short Circuit	Automatic recovery after short-circuit fault being removed				
	Input	1.6A fuse against power line surges and any abnormal conditions				
	No Load Operation	Yes , to protect the power supply and system from damage				
OTHERS	Cooling	Free air convection				
	Withstand Voltage	I/P-O/P: 1.8KVAC for 1 Minute, I/P-FG: 1.5KVAC for 1 Minute				
	Insulations Resistance	I/P-O/P: 10 MOhm for 500Vdc, I/P-FG: 10 MOhm for 500Vdc				
	Power Consumption	Pi ≤ 0.5 W (At 240Vac & No load)				
	Power Factor	Pi ≥ 0.9 (At Full load)				
Environment	Temperature	Operating: 0 ~ 40°C / Storage: -20 ~ 60°C				
	Humidity	Operating: 20% ~ 80% RH / Storage: 10% ~ 90% RH				
Connection	Output	Plug: standart 5.5 x 2.1 x 11mm (spring loaded center) or customer requirement / Cable: 180cm (6ft.)				
	Input	IEC320-C6 / IEC320-C8 / IEC320-C14 available				
MTBF	> 50K hours					
SAFETY	CUL / UL / GS / PSE / BSMI / CCC / RCM					
EMI	CE / FCC Class B ; Conduction & Radiation Met.					
WEIGHT	N.W.: 0.590 kg					

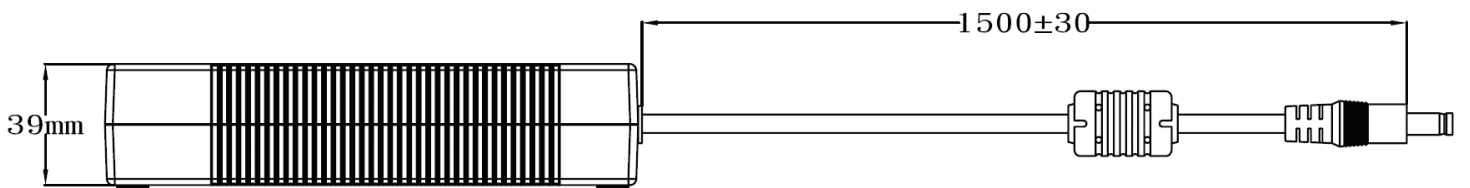
STD 120



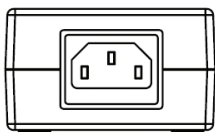
TOP-VIEW



BOTTOM-VIEW



SIDE-VIEW



FRONT-VIEW

Cable Type : Black UL1185 AWG16
(Wire + Plug)

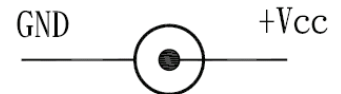
Plug : $\phi 5.5 * \phi 2.1 * 12\text{mm}$
(Cannelure)

Cable Length : 1500mm

Case Dimension : 168.1mm(L)*65.9mm(W)*39mm(H)

Material Flammability : UL 94V-0

External Apperance : As drawing below (Scale \rightarrow mm)



Output Cable Plug Pin Assignment

