

Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 168 x 69.5 x 39 [mm]
 Suitable power cable : IEC320-C13
 Efficiency level (ErP) :

Approvals / Marks :



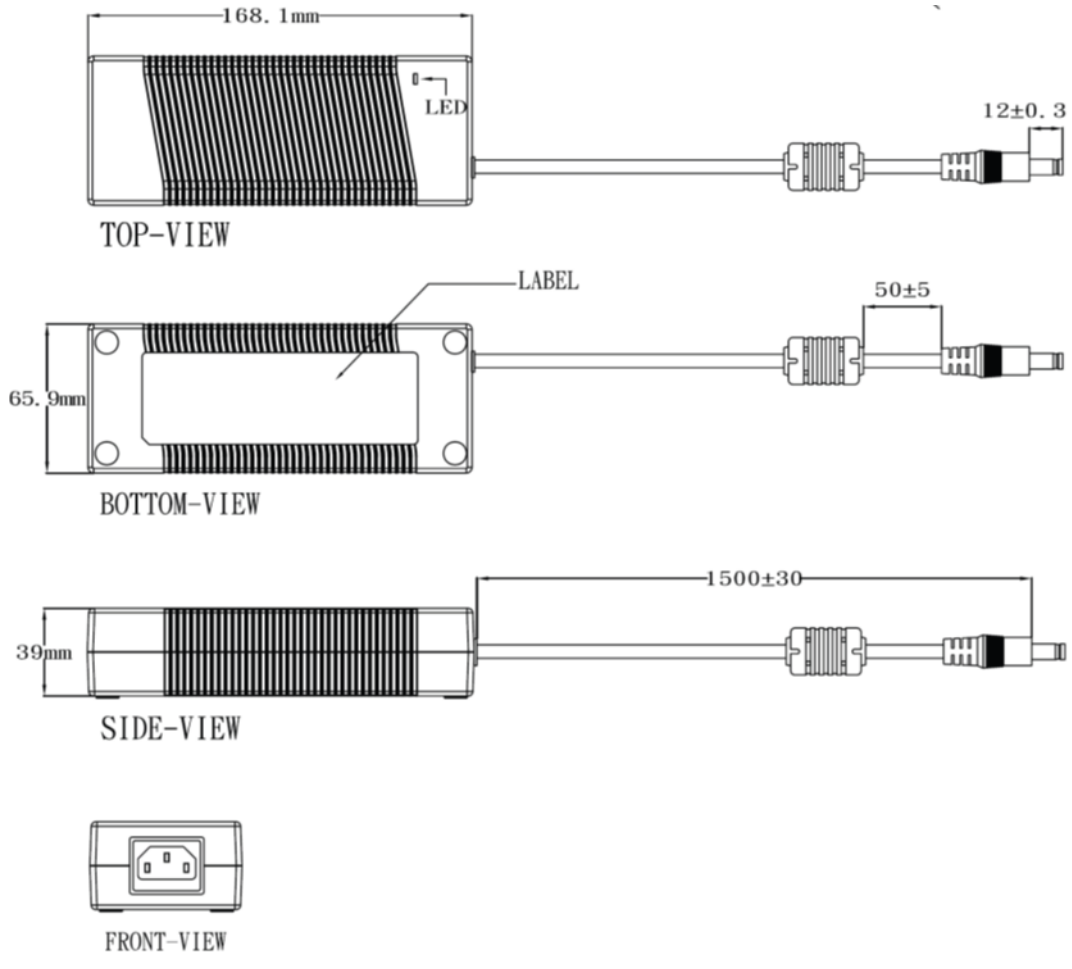
Features:

Regulated Output with Low Ripple Noise | Universal range 100 - 240VAC / 50-63Hz
 Meet CEC, Energy Star & ERP Regulations No Load Power Consumption Less Than 0.5W
 Over Voltage, Short Circuit & Over Current Protection
 Leakage Current less than 3.5mA
 I.T.E. Power Supply + RoHS conform.

Specification:

	Model	Voltage DC [V]	Loading [A]	Tolerance [%]	Max. Power [W]	Ripple & Noise [mV] p-p	Connector Barrel Type [mm]
ErP V.	DRST-10812-T3	12	0~9.0	±5	108	-	2.1x5.5x11
	DRST-12024-T3	24	0~5.0	±5	120	-	2.1x5.5x11
	DRST-12048-T3	48	0~2.5	±5	120	-	2.1x5.5x11
INPUT	Voltage	(90 ~ 264) VAC					
	Frequency	(47 ~ 63) Hz					
	Current (rms max)	<1.2A					
	Efficiency (Normal)	Eff. (av) ≥ 85% (At 115 Vac & 230 Vac) / STD-24050 ≥ 87% (At 115 Vac & 230 Vac)					
	Inrush Current	60A Max. / 240Vac (Cold start at 25 °C, full load)					
PROTECTION	Over Current	I out (110%~150%)					
	Over Voltage	V out * (110% ~ 150%)					
	Short Circuit	Yes, 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	Leakage Current	3.5mA @ 3 Pin					
	MTBF Qualification	>50K hours					
	Cooling	Free air convection					
	Power consumption (no loading)	Pi ≤ 0. 5 W (At 240Vac & No load)					
	Withstand Voltage	I/P-O/P: 1.8KVAC for 1 Minute, I/P-FG: 1.5KVAC for 1 Minute					
	Insulation Resistance	I/P-O/P: 10 MOhm for 500Vdc, I/P-FG: 10 MOhm for 500Vdc					
	Power Factor	Pi ≥ 0. 9 (At Full load)					
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 80)°C					
	Humidity	Operating:20% ~ 80% RH / Storage: 10% ~ 90% RH non condensing					
CONNECTION	Output	Plug: standard 5.5 x 2.1 x 11mm (spring loaded center) or customer requirement / Cable: 180cm (6ft.)					
	Input	IEC320-C6 / IEC320-C8 / IEC320-C14 available					
SAFETY		CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM					
	Approved:	CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM					
	EMI	CE / FCC Class B ; Conduction & Radiation Met.					
WEIGHT		N.W.: 590g /pc					
		0.42 x 0.35 x 0.24 [m]					
PACKING	Box	24pcs / 1box					
		G.W.: 16.3 kg/box					

Mechanical case and cable specification:



**Cable Type : Black UL1185 AWG16
(Wire + Plug)**

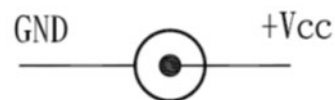
**Plug : $\phi 5.5 * \phi 2.1 * 12\text{mm}$
(Cannelure)**

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

