FEATURES

- **Level VI Efficiency**

- **Available in 2 Pin C8 and 3 Pin C6 Inlet**

- **ErP III (Level VI) Efficiency**

- **Over-Voltage Protection**

- **Efficiency 88% Typical**

RS PRO 12V dc Power Supply, 0 → 5A, 3-Pin IEC Connector

RS Stock No.: 144-0977

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS Pro Class I Desktop power supply has an output power of 60W and compliance to ErP III (Level VI) efficiency regulations and has a built in short-circuit and over-voltage protector. This power supply is lightweight, simple to use and has a 3-pin IEC connector. Ideal for consumer electronic good.

General Specifications

Input Connector	IEC C14
Input Plug Type	3-Pin IEC
Output Connection Type	2.1 x 5.5 mm Connector
Number of Outputs	1
Energy Efficiency Level	VI
Cable Length	1200m
Application	Consumer electronics

Electrical Specifications

Input Specifications	
Rated Input Voltage	100 to 240V ac
Full Input Voltage Range	90 – 264V ac
Rated Frequency	50/60Hz
Full Frequency Range	47 to 63Hz
Efficiency	88%
Input Current (RMS Max.)	1.5A Max
Inrush Current	120A Max
Leakage Current (max.)	0.75mA Max. at 240Vac

Output Specification	
Output Voltage Rating	12V dc
Output Current Range	0A to 5A
Rated output Power	60W
Ripple & Noise (max.)	120mV p-p
Line Regulation	±2.0%
Load Regulation	±5.0%
No Load Power Consumption	<0.21W
Setup, Rise Time	40S Max at 115VAC full load.
Hold Up Time (Typ.)	5ms Max. at 115VAC
Overload Protection	recovers automatically after fault condition is removed
Over Voltage Protection	Auto recovery
Short Circuit Protection	Yes

Mechanical Specifications

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	120mm x 53mm x 32mm
Overall Length	120mm
Overall Depth	32mm
Overall Width	53 mm

Operation Environment Specifications

Operating Humidity	5% to 95% RH
Operating Temperature Range	0°C to 40°C
Storage Temperature Range	-20°C to 80°C

Approvals

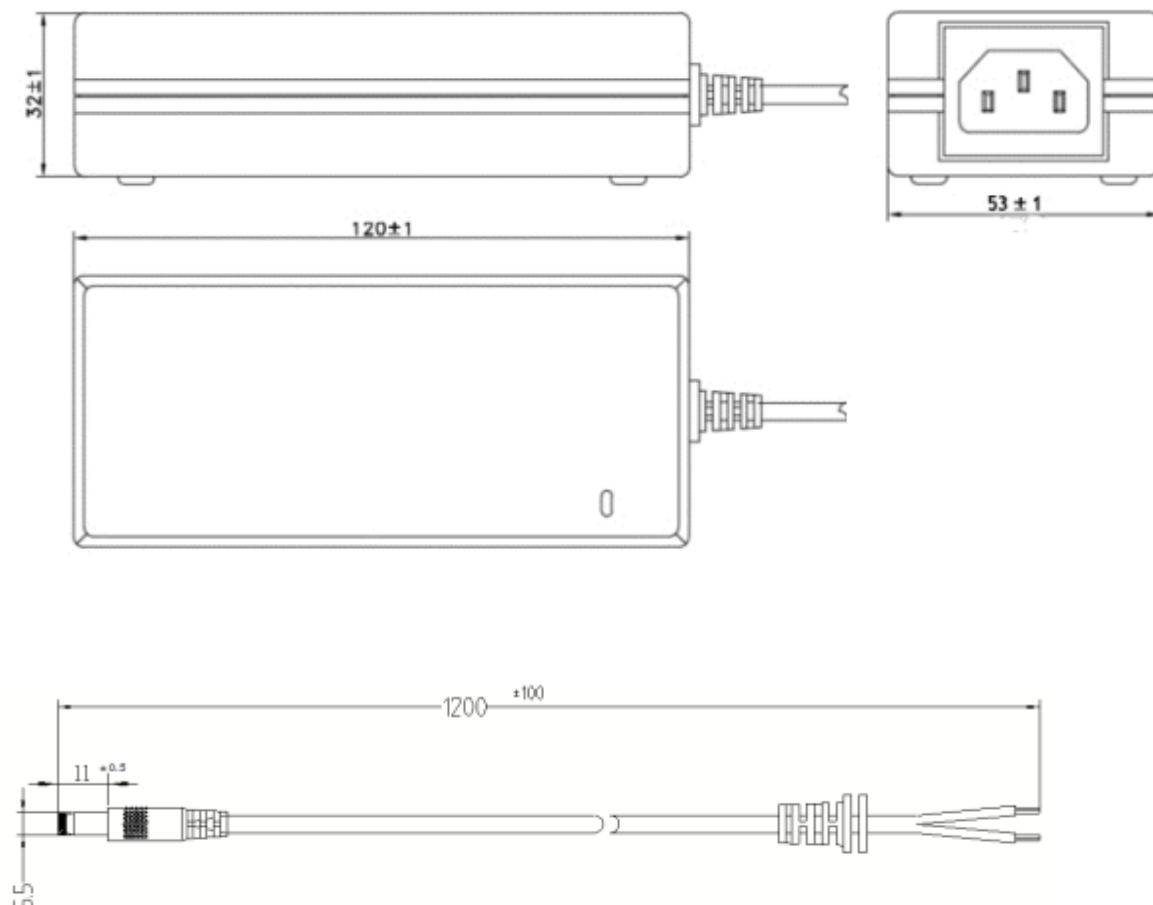|	
Safety Standard	C-TICK (RCM), CB, CCC, CE, CUL, FCC, TUV/GS, UL
EMC Emission	Compliance to Fcc part15 class B, EN55032 class B, GB9254-1998, GB17625.1-2003

7、 MECHANICAL REQUIREMENT:

7.1 Enclosure: L120 x W53 x H32mm;The power supply size: L120 x W53 x H32mm;

7.2 Input Connector:IEC-320-C14.

NOTE/备注:(unit:mm)

1. 1185 16AWG 80℃ VW-1 300V L:1200±100mm
   Material： 1185 16# Length： 1.2m
2. The polarity:inner-positive,outer-negative.
3. DC jack:5.5*2.1*11mm Fork style.

Fork Style