

greenMachine RPS A100 AC to DC Power Supply

Features

- Wide Operating Voltage 100 to 240 VAC, 50 to 60 Hz
- 100W Output Power
- Active Power Factor Correction (PFC) function
- Energy efficiency level VI or CoC Tier II
- LED indicator for Power on

Description

The RPS A100 AC to DC Desktop power supply unit provides 100 watts of continuous output power. The power supply is equipped with IEC320-C14 AC inlet. This power supply can be used for greenMachine.

Specifications

Electrical Characteristics

Category	Parameter	Value
Output	DC Voltage	12V
	Rated Current	8.33A
	Current Range	0~8.33A
	Rated Power (max.)	100 W
	Ripple & Noise (max)	240mVp-p
	Line Regulation	±1.0%
Input	Load Regulation	±5.0%
	Voltage Range	100~240VAC
	Frequency Range	50~60Hz
	Input Current	≤2.0A
	Inrush Current (max.)	60A/100VAC 120A/230VAC
	Hold Up Time	≥8.3ms
Protection	Turn On Time	≤3s
	Short Circuit Protection	Auto Recovery
	Over Voltage Protection	Latch-Off
	Over Current Protection	Auto Recovery
Environment	Over Temperature Protection	Latch-Off
	Operating Temperature	0 to 40°C
	Storage Temperature	-20 to 85°C
	Operating Humidity	10% to 90%
	Storage Humidity	5% to 95%
Others	Case Size	137L x 59W x 34H (mm)
	AC inlet	C14
	Weight	450g
Safety	Safety Standards	UL/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE, BSMI, PSE, RCM, IRAM

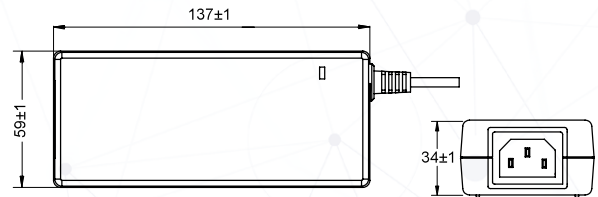


RPS A100

Connector	Pin Assignment
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1	GND
2	NC
3	NC
4	+12V



Note:
1. Measurements are in mm
2. Net weight: approx. 450g

Ordering Information

GTIN (EAN)	Model	Description
4250479327955	RPS A100	AC to DC Desktop Power Supply Module 12V/8A

Ordering Code

RPS A100 N
RPS A100 EU
RPS A100 UK
RPS A100 US

Description

Power Supply without Power Cord
Power Supply with Power Cord
Power Supply with Power Cord
Power Supply with Power Cord



Rev 1.0 Specifications subject to change