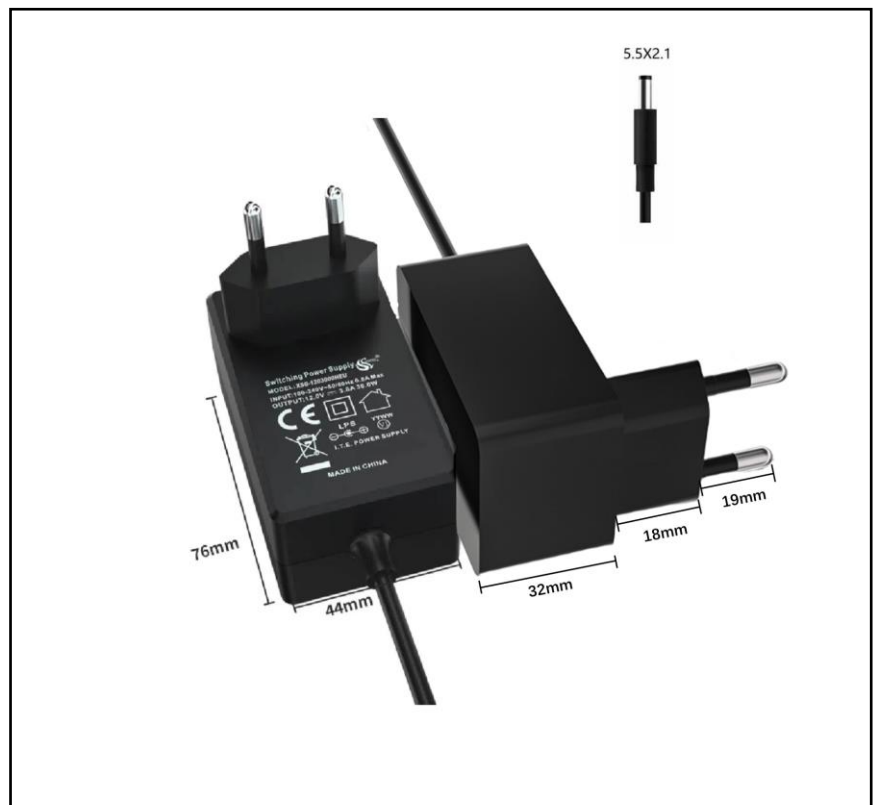


Features

- AC-DC Regulated switching power adapter.
- Rated output: 12VDC
- Output Power: 36W
- Rated output load: 3A
- Rated input: 100-240VAC
- Euro plug
- 2.1*5.5*12 Barrel plug
- Cable length: 1.8m
- Colour: Black

RS PRO Power Adapter

RS Stock No.: 0762695



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

- *With over voltage, over current and overpower protection.*
- *AC-DC Regulated switching power adapter with Euro plug.*

General Specifications

Dimensions	L76*W44*H32mm
Net Weight	125g
Colour	Black
Cable	1.8m UL2464 24AWG VW-1 80°C 300W

Input Characterist

Input Voltage Range	90VAC to 264VAC
Rated Input Voltage	100VAC to 240VAC
Input Frequency Range	47Hz to 63Hz
Input Current	0.8A Max. (I/P100-240VAC)
Inrush Current	50A Max. at 100-240VAC input for a cold start at 25°C.

Output Characterist

Rated Output	12VDC
Min. Load	0A
Rated Output Load	3A
Output power	36W
No Load Power consumption	0.1W

Combined Load

Rated Output	12VDC
Min. Load	0A
Rated Output Load	3A
Line Regulation	±3%
Load Regulation	±5%

Protection Feature

Over—Current Protection	The green mode power supply shall be hiccupped when any output operating in overload condition(set@ Max load 110%-130%) under any line condition for an indefinite period of time. The power supply shall be self—recovery when the fault condition is removed.
Short Circuit Protection	The power supply shall be hiccupped and no damage shall occur when any output operating in a short circuit condition under any line condition for an indefinite period of time. The power supply shall be self—recovery when the fault condition is removed.

Environmental CONDITIONS

Operating	The power supply shall be capable of operating continuously in any mode without performance deterioration in the following environmental conditions.
Ambient Temperature	0℃～40℃
Relative Humidity	10%～90%
Vibration Operating	IEC 721-3-3 3M3
Cooling	The power supply will operate with convection cooling .Blocking of vents must not cause damage to the power supply.

Storage conditions

Storage conditions	The power supply shall be capable of withstanding the following environmental conditions extended periods of time, without sustaining electrical or mechanical damage and subsequent operational deficiencies.
Storage Temperature	—30℃～70℃
Relative Humidity	10%～90%

EMC Standards

EMI Standards	The power supply met the radiated and conducted emission requirements for FCC CLASS B.
EMS Standards	The power supply shall meet the following EMS standards (EN 55035: 2017; Part 15 Subpart B, IC ICES-003).

Other Specifications

Ripple and Noise

Under nominal voltage and nominal load, the ripple and noise are as follows when measure with Max. bandwidth of 20MHz and Parallel 10uF/0.1uF, crossed connected at testing point.

Voltage +12VDC: Ripple and Noise(Max.) $\leq 200\text{mV p-p}$

Turn on delay time

3Second Max. at 115VAC input and output Max. load.

Hold up time

5mS Min. at 115VAC input and output Max. load.

Electric Withstanding Strength(Hi-Pot)

Primary to Secondary AC3000V/10mA, 1 minute for type test. 3 second for production.

Overshoot

10% Max. when power supply at turn on or turn off.

Energy Saving (Level V/Level 5)

1. CEC Test Report (CEC Table U-2 Standards for Power Supplies Effective July 1, 2008)
2. EUP Test Report (COMMISSION REGULATION (EC) No 278/2009)
3. MEPS (AS/NZS 4665.2-2005)

Insulation Resistance

Input to output: 50M OHM (500VDC)

Leakage Current

The leakage current shall be less than 0.25mA for class II when power supply is operated maximum input voltage and maximum load.

Approvals

Certifications

RoHS, Reach, CE

