

Features

- USB & Type wall charger
- Quick Charge 3.0+/3.0/2.0
- Apple 2.4A
- USB Power Delivery (PD) 2.0 & 3.0
- Samsung AFC
- USB BC1.2 DCP
- Rated input: 100-240VAC
- PDO: 5V/9V/12V
- Euro plug
- Colour: Black

RS PRO Power Adapter

RS Stock No.: 0762702



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.*
- *Quick charging with Euro plug.*

General Specifications

Dimensions	L43*W39*H27mm
Net Weight	48g
Colour	Black

Input Characterist

Input Voltage Range	90VAC to 264VAC
Rated Input Voltage	100VAC to 240VAC
Input Frequency Range	47Hz to 63Hz
Input Current	0.5A Max. (I/P100-240VAC)
Inrush Current	30A Max. at 100-240VAC input for a cold start at 25°C.

Output Characterist

Quick Charge	3.0+/3.0/2.0
APDO	5V/9V/12V
USB Power Delivery (PD)	2.0 & 3.0
Apple	2.4A
Samsung AFC	AFC
USB	BC1.2 DCP

Power output USB-A

Rated Output	Min. Load	Rated Output Load	Output Power
5VDC	0A	3A	15W
9VDC	0A	2A	18W
12VDC	0A	1.5A	18W

Power output TYPE-C

Rated Output	Min. Load	Rated Output Load	Output Power
5VDC	0A	3A	15W
9VDC	0A	2.22A	20W
12VDC	0A	1.67A	20W

Combined Load USB-A

Rated Output	Min. Load	Rated Output Load	Line Regulation	Load Regulation
5VDC	0A	3A	3%	5%
9VDC	0A	2A	3%	5%
12VDC	0A	1.5A	3%	5%

Combined Load TYPE-C

Rated Output	Min. Load	Rated Output Load	Line Regulation	Load Regulation
5VDC	0A	3A	3%	5%
9VDC	0A	2.22A	3%	5%
12VDC	0A	1.67A	3%	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%-120%) 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 +5VDC/+9VDC/+12VDC: Ripple and Noise(Max.) ≤200mV 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 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

