



# Power Supply

EDA TECHNOLOGY CO.,LTD

## Introduction



Support Raspberry Pi Compute Module IO Board and all of EDATEC's 12V input computers.

ED-PSU1202 is a single-phase 24 watts, 12V 2A output power supply, which is designed by Kuantech Cooperate and marketed by EDATEC.

ED-PSU1202 offers 4 versions: UK, Europe, Australia & USA by a main body and 4 changeable plugs.



## Parameters

**Rated input voltage:**100-240Vac

**Operating range:**90-264Vac

**Rated input frequency:**50/60Hz +/- 3Hz

**Rated input current:**0.6A max.

**Maximum input power:**29.1W

**Input current (no-loading):**≤25mA

**Power consumption (no-loading):**  
0.075W MAX

**DC output voltage:**+12.0V

**Minimum load current:**0.0A

**Rating load current:**2A

**Rating output power:**24.0W

**Line regulation:**±5%

**Ripple and noise:**150 mVp-p

**Switching efficiency:**86.8% minimum output current from 100%,75%,50%,25%,76.8% minimum 10% load

**Protection:**Over-voltage, Short-circuit, Over current

**Reliability level:**50K hours MTBF @ 25° C (rated input voltage, and using the BELLCORE SR-332 method).

DC output voltage must be Safe Extra Low Voltage (SELV) & Limited Power as defined by IEC60950-1

**Warranty life:**All E-Capacitor life must meet 5 years at 25° C ambient.( 115V/60Hz and 230V/50Hz)

**The operating temperature:**0~40°C.

**Output connector:** DC plug or Phoenix terminal

Regulatory Standard			
for short	Country	Certified Status	Standard
GS	Europe	MEET	EN60950-1
CE	Europe	MEET	Declared & CE Mark
UK	Britain	MEET	BS EN60950-1
UL	USA	MEET	UL 60950-1
CUL	Canada	MEET	CSA C22.2 NO.950-1
RCM	Australia	MEET	AS/NZS60950.1



## Ordering Code

**ED - PSU1202 - UK - 3.5PL**

EDATEC

Power Supply

12V 2A

2.5P=2.5mm Pitch Phoenix  
3.5PL=3.5mm Pitch Phoenix with lock  
Blank=5.5mm DC Plug

UK=UK Plug  
US=USA Plug  
AU=Australia Plug  
EU=Europe Plug

### Example

P/N: **ED-PSU1202-UK-3.5PL**

Configuration: 12V 2A, UK Plug, 3.5mm pitch phoenix with lock.

## Contact Information

If you have any technical problems, please contact:

**Support:** [support@edatec.cn](mailto:support@edatec.cn)

Business related, such as Quotation, Product Customization, please contact:

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