

# iPOWER

## DC UPS System



UPS System for DC applications. Replaces existing power supply.  
Ideal for modems, routers, CCTV, IP phones.



- Integrated unit with UK plug.
- Replaces existing power supply
- Microprocessor controlled
- Built in Li-ion battery
- No need for AC UPS System
- Simple Operation
- Auto Start
- Cold Start Function
- Regulated Output
- High Efficiency
- LED Multicoloured Indicator
- Built in 6KV Surge Suppression
- Overload and short circuit protection
- Battery over charge and discharge protection
- 2m cord
- Standard 2.1mm jack
- High Reliability.



Adapters sold separately

## SPECIFICATIONS

Model	iPower2100-12
<b>AC INPUT</b>	
Voltage Range	90VAC - 264VAC
Frequency	50 or 60Hz
<b>DC OUTPUT</b>	
Voltage	12Vdc $\pm$ 5%
Max Power	25W (2.1A)
<b>BATTERY</b>	
Type	Lithium Ion
Voltage	3.7VDC
Capacity	2600mAh
Typical Recharge Time	3 hours recover to 90% capacity
Backup Time	See Table Below
<b>PROTECTION</b>	
Battery	Deep Discharge, Over Charge & Short Circuit Protection
Input / Output	Fuse for short circuit & overload protection
<b>INDICATORS</b>	
Full Battery	Green LED
Battery Charging	Slow Flashing Green LED
Battery Discharging	Quick Flashing Green LED
Fault	Red LED
<b>PHYSICAL</b>	
Input Plug	BS1363 moulded to housing
Output Cable	2m Length, terminated with 2.1mm x 5mm DC Jack Adapter packs are available as optional accessories (1, 1.5, 2.5, 3mm jacks + wire-in)
Dimension	68 x 42 x 74 mm
Weight	280g

## RUNTIME TABLE

LOAD	RUNTIME (min)
6W (0.5A)	60
12W (1.0A)	30
18W (1.5A)	20
24W (2.0A)	15

LOAD	RUNTIME (min)
Typical Values	
12V/1.0A Router	150
12V/1.5A Router	120
12V/2.0A Router	90

Typical values obtained from direct measurement of suitably rated modems under typical working conditions

Note, specifications are valid for both MK1 and MK2 iPowers. MK1 iPowers did not have cold start capability and can be identified as the control switch states "OFF" whereas MK2 control switch has "ON/OFF"

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