

iPOWER

DC
UPS
System

UPS System for 12Vdc applications.

Ideal for modems, routers, CCTV, ONTs.



The iPower is a fully regulated 12V power supply with internal Lithium Ion battery to provide seamless UPS support. Replacing the existing power supply it occupies no additional space. With 2m lead and a spring loaded connector suitable for either 2.1mm or 2.5mm DC inputs the iPower is suitable for practically all low powered 12Vdc applications. Adapter sets are available for applications with non-standard sized inputs.

Employing full battery protection the iPower is safe, and fully certified. Additional protection is provided with in-built 6KVA surge suppression as standard. Available in 2700mAh or 3500mAh options.

- **Integrated Unit with UK plug**
- **Replaces existing power supply**
- **Microprocessor Controlled**
- **Built in Li-Ion battery**
- **No need for larger AC UPS System**
- **2m cord with flexible jack**
- **Simple Operation**
- **High Reliability**
- **Auto Start**
- **Cold Start Function**
- **Regulated Output**
- **High Efficiency**
- **LED Indicators**
- **Built in Surge Suppression**
- **Overload and short circuit protection**
- **Battery overcharge and discharge protection**

SPECIFICATIONS

Model	IP2100G	IP2100G-H
AC INPUT		
Voltage Range	90VAC ~ 264VAC	
Frequency	50/60Hz	
DC OUTPUT		
Voltage	12Vdc \pm 5%	
Max Power	25W (2.1A)	
Continuous Power	12W (1A)	
BATTERY		
Type	Lithium Ion (18650)	
Nominal Voltage	3.7Vdc	
Capacity	2600mAh	3500mAh
Typical Charging Time	3hrs to 90% Capacity	
PROTECTION		
Battery	Deep Discharge, Overcharge, Short Circuit	
Input / Output	Input Fuse. Automatic cutoff for overload and overtemp	
Surge Protection	K.21 Enhanced 6KV	
INDICATOR LEDs		
Green ON	Full Battery Charge	
Green Slow Flash	Battery Charging	
Green Quick Flash	Battery Discharging	
Red ON	Fault	
RUNTIME		
6W	75mins	100mins
12W	40mins	50mins
Typical 12V 1A Router	150mins	200mins
Typical 12V 1.5A Router	120mins	160mins
Typical 12V 2.0A Router	90mins	120mins
PHYSICAL		
Input Plug	BS1363 plug moulded on housing	
Output Cable	2m - DC Jack (OD 5.5mm ID 2.1-2.5mm)	
Dimensions (DxWxH mm)	68x42x74	
Net Weight	280g	

Runtimes are approximate. Typical values obtained from direct measurement of suitably rated modems under typical working conditions.



The optional adapter set contains output sizes of 1.0mm, 1.5mm, 2.5mm (BT HH Type B), 3.0mm (BT HH Type A). A hardwired adapter is included.



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Specifications are subject to change without notice.*

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