

## IntelliPower-2 12V - Intelligent Uninterruptible Power Solution System – 1000VA – 600Watt

### Provides Hours of Extended Back-up Power for Home and Office Appliances

Tired of missing your favorite TV program, losing that important document on your PC or having no Lights when your mains power supply is interrupted unexpectedly. The solution to these and many other problems caused by the loss or unreliability of your mains power supply is provided by the IntelliPower range of Intelligent Uninterruptible Power Supply Systems. These systems seamlessly transfer to battery power when mains power is lost or is unreliable and then seamlessly back to the mains power supply when it is restored. They use low cost standard high amperage 12 Volt batteries which can be sourced easily and anywhere. They have built-in chargers which start charging your batteries as soon as your mains power supply is restored and allow the batteries to be charged while you are using your connected devices on mains power, with no performance loss. They have visible LED indicators and audible buzzer alarms to notify you clearly and easily what the latest status is of your mains and battery supplies. They are provided with a simple easy to use manual, are user installable and come supplied with the required battery connection cables.

IntelliPower -2 Complete System  
Product Code: 749701  
IPS-2SA-CS



### IntelliPower-2 12V Product Features

- \* Uses one standard high amperage 12 Volt battery
- \* Built-in automated battery charger
- \* User installable
- \* Battery cables supplied with unit
- \* Simplified step-by-step user manual
- \* LED indicators with audible buzzers for status changes and alarm notifications
- \* Light weight and compact
- \* Provides seamless and automatic switchover to battery back-up on loss of mains power and then seamless and automatic switchover back to mains on the restoral of mains power
- \* Two output power connection sockets on top of unit for connection of appliances
- \* ECO-friendly/non-polluting (green device)

### Specifications

<b>CAPACITY</b>	VA / W	1000VA / 600W
<b>AC INPUT</b>	Nominal Voltage / Nominal Frequency	220/230/240VAC / 50Hz or 60Hz (Auto Detection)
	Voltage Range Selector – Narrow / Wide	170~280VAC / 90~280VAC
<b>OUTPUT</b>	Voltage / Output Wave Form	230VAC +10/-18% / Modified Sine Wave
	Frequency / Efficiency AC to AC - DC to AC	50Hz/60Hz +/- 0.5Hz / >95% - >80%
<b>BATTERY / CHARGER</b>	Nominal Voltage / Charging Voltage / Charging Current	12V DC / 13.7V +/- 0.2V / 10Amp maximum
	Overcharge Protection	16V +/- 0.4V Charger stops and Fault Alarm Sounds
<b>TRANSFER TIME</b>	Typical AC to DC or DC to AC	Typical 15-20ms – 40ms maximum
<b>INDICATORS</b>	AC (Mains) Mode (fully charged) / DC (Battery) Mode	Green LED Lit / Yellow LED Lit
	AC (Mains) with DC (Battery) Charging Mode	Green LED Flashing every 2 Seconds
	Overload – Fault	Red LED Flashing every 0.5 Second / Red LED Lit
<b>AUDIBLE ALARM</b>	Low Battery Voltage in Battery Mode	Alarm sound beeps every 2 Seconds
	Overload / Fault	Alarm sound beeps every 0.5 Seconds / Alarm Sound Continuously
<b>PROTECTION FEATURES</b>	Built-in Protection Features	Deep Discharge, Overcharge, Short Circuit, Overload Battery Short, Over Voltage, Under Voltage
<b>PHYSICAL</b>	Dimension (D x W x H) mm / Net Weight (Kgs)	249mm x 242mm x 80mm / 2.3Kg
<b>ENVIRONMENT</b>	Operating Environment / Noise Level	0-40C Temperature 0-90% Relative Humidity (Non-Condensing) / Less than 45dB