

PB600 Series Mini DC UPS



The PB600 Series of DC UPS's are designed to provide battery back up to low power electronic devices such as routers, cct TV cameras, electronic door locks or any other piece of electronic equipment that needs to be able to stay operational in the event of an AC mains failure. They work in combination with a conventional AC-DC power adaptor as long as the output current of the adaptors is able to provide an additional 0.5A for charging the internal batteries of the DC UPS



Specification

| Model | PB600-12 | PB600-19 | PB600-24 |
|---|---|-------------|-------------|
| Input Voltage Range | 12-13V DC | 18.5-20V DC | 23.5-25V DC |
| Output Voltage | 12V DC | 19V DC | 24V DC |
| Output Power (Max) | 60W | 66.5W | 72W |
| Battery Charging Current | 0.5A | 0.5A | 0.5A |
| Transfer Efficiency (Adaptor Mode) | 95% | 97% | 98% |
| Transfer Efficiency (Battery Mode) | 90% | 90% | 90% |
| Battery Capacity | 48.84Wh, 6 x 2200mAh lithium batteries | | |
| Charging Period | 8 hours typical | | |
| Back Up Period | Depends on load on the DC UPS, typical router can run several hours | | |
| Protection | Over charging, discharging and short circuit protection | | |
| Operating Temperature | 0°C to 45°C charging and discharging | | |
| LED Operation (Charge LED) | When DC input applied LED is red and turns green when batteries are fully charged | | |
| LED Operation (Work LED) | Battery 80-100% green, 30-80% orange, 10-30% red, 1-10% red LED and flashes, 0% LED off | | |
| ON/OFF DC Output | DC output powers on automatically when connected to load and powers off automatically when load disconnected | | |
| Input Connector on Case | 2.5 x 5.5mm female barrel connector | | |
| Output Connector on Case | 2.5 x 5.5mm female barrel connector | | |
| Cable provided with DC UPS | 60cm long with 2.5 x 5.5mm male barrel connector on each end (other options available on request) | | |
| Adaptor Plugs provided | 1 piece 2.1 x 5.5mm female to 2.5 x 5.5mm male plug 1 piece 2.5 x 5.5mm female to 2.1 x 5.5mm male plug | | |
| DC UPS Dimensions | 130 x 75 x 42mm | | |
| DC UPS Weight | 385 grams (excluding accessories) | | |
| AC-DC Input Adaptor (Not included) | <p>The PB600 Series of DC UPS's are able to work with any standard approved AC-DC adaptor of the appropriate output voltage, which must match the output voltage of model selected. ie a PB600-12 would need to be powered by a 12V DC output AC-DC adaptor and a PB600-19 a 19V DC output AC-DC adaptor, etc. In addition the adaptor selected for use with these devices must be capable of delivering 0.5A more current than is required by the load being powered by the UPS, this is for charging the internal batteries of the DC UPS.</p> <p>Powersolve have a very wide range of suitable AC-DC adaptors and can offer a product for any application - consult sales office for details</p> | | |