

# DC ONLINE MINI UPS

MODEL: POS36-10A

## Features

- DC On-line UPS / Auto Start
- Auto-Detect Voltage 12V / 15V/ 19V / 24V
- Digital with Microprocessor Control
- Real Time Back Up
- Uses Battery IC Protection
- LED indicator
- Secondary Output - Screw Terminal
- Over Discharge, Overload, Short Circuit, Over Charge & Surge Protection
- Desk Top or Wall Mounting



The POS36-10A can be used with a standard AC-DC desk top power supply to give battery back up in the event of an AC power failure. A 50W AC-DC power supply would be sufficient to charge the batteries and power the output at full load. So if you want 12V output you need a 12V input and so on. Powersolve have a range of suitable AC-DC adaptors for this purpose.



Specification	
Model	POS36-10A
DC Input Voltage	12V, 15V, 19V, 24V auto detect
DC Output Voltage	12V, 15V, 19V or 24V follows DC input voltage
Output Current	12V 3A, 15V 2.4A, 19V 1.89A or 24V 1.5A
Output Power	36 Watts
Battery Type	Lithium Ion 3.7V 18650 battery cells
Battery Voltage/Capacity	7.4V, 4 x 2500mAh cells (2S2P)
Charging Time	75% 2 hours, 90% 4 hours, 100% 8 hours
LED Indication (3)	Power ON & Charging, Function Alarm, Battery Mode
Protection - Input	Fuse for Overload & Short Circuit Protection
Protection - Output	MCU for Over Discharge, Overload, Short Circuit Protection
Protection - Battery	IC for Over Charge, Over Discharge, Overload, Short Circuit Protection
DC Input Connector	5.5mm x 2.1mm power socket
DC Output Lead	300mm 20AWG lead terminated in 5.5mm x 2.1mm power jack plug
Auxiliary Output	2 way screw terminals
Back Up Time (approx)	Continuous: 12V 3A (36W) 25 mins, 12V 1A (12W) 2Hours 10 mins (In real world applications back up time likely to be much longer as operating load usually not continuous)
Accessories	Multi input and output connector pack
Case Material	ABS 94V0 - Black
Weight & Dimensions	N.W 320g / G.W 400g / 105mm x 80mm x 43mm