



Innovative Electronics for a changing world

Manual

DC UPS mini 12V



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DC UPS mini 12V (100W power output + 100W Battery charger)

The Mi **DC UPS mini 12v** was designed to give uninterrupted 12V DC power to equipment.

The unit have a 12V @ **8Amp** power supply feeding the load output and a separate 12V @ **8A** amp battery charger internal to charge the battery.

While the load is powered by the 12V @ 8Amps power supply the battery is charged in isolation from the load output via a separate 12V @ 8Amps battery charger.

As soon as the mains 220VAC input power fails the unit switch over to battery power without interrupting the DC output to equipment , the **yellow** led will glow to indicate the system is running on battery power.

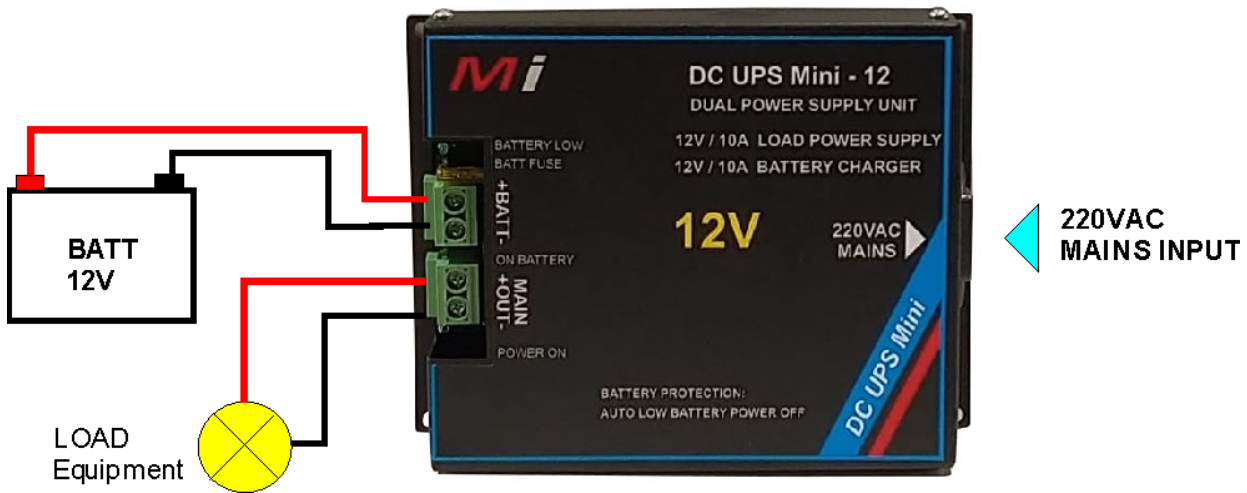
As soon as the battery falls to a voltage level of 11.8 VDC the system will shut down completely and disconnect the output power , the **red** battery low led will glow.

The system will reset as soon as the 220Vac mains voltage is restored, the load will be powered via the internal 12V power supply again and the battery will start charging in isolation via the internal battery charger until full.

Charge method is constant current / constant voltage. End charge voltage of 14.2Vdc

Output power protected via a 20Amp Blade fuse

Power input via C13 female power cord



Physical dimensions and weight:

W = 150mm

L = 200mm

H = 50mm

Weight = 1.0 KG