



*Innovative Electronics for a changing world*

Manual

## DC UPS mini 24V



1. General description
2. Connections
3. Dimensions and weight

### DC UPS mini 24V

(160W power output + 160W battery charger)

The Mi **DC UPS mini 24v** was designed to give uninterrupted 24V DC power to equipment.

The unit have a 24V @ 7Amp power supply feeding the load output and a separate 24V @ 7 amp battery charger internal to charge the battery.

While the load is powered by the 24V @ 7Amps power supply the battery is charged in isolation from the load output via a separate 24V @ 7Amps 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 23.6 VDC the system will shut down completely and disconnect the output power , the **red** battery low led will glow.

# DC UPS mini 24V

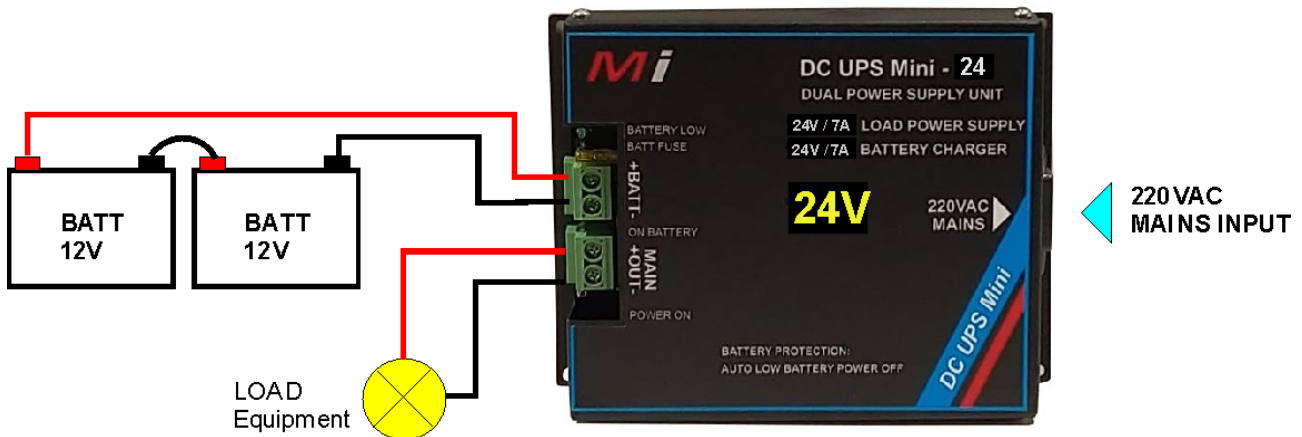
Mi

The system will reset as soon as the 220Vac mains voltage is restored, the load will be powered via the internal 24V 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 28.4Vdc

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