

AXON mini UPS



Improving the safety
of your underground
environment

- > Focus on tunneling and hard rock solutions
- > Cost effective
- > Fit for purpose
- > Extendible battery capacity
- > 60W combined output

AXON

mini UPS

MST's AXON mini UPS is a single-level uninterruptible power supply offering reliability and peace of mind for hard rock mines and tunnel networks.

The primary purpose of the AXON mini UPS is to enable a number of the most popular use cases in tunneling and hard rock environments in a cost-effective and reliable manner. AXON mini is ideal for operational scenarios where the area needing power requires only one UPS per network node, where the DC supply cable does not exceed 10 metres, where power loads do not exceed 60W or where the focus is on tunneling or non-complex standalone automation solutions.

SPECIFICATIONS

AC Input

- > 110-240 AC Single Phase

Output Connectors

- > Main channel - Harting IP65 rated
- > Subsidiary channel - Amphenol IP65 rated

Output Power

- > Main channel - 2A*, 24 Volt DC
 - > Subsidiary channel - 1A, 12 Volt DC
- *2.5A if there is no load on the subsidiary channel

External Indicators

- > Battery Low
- > AC OK

Enclosure

- > Powder coated steel

Working Temperature & Humidity

- > -30°C to +70°C
- > 20 ~ 90% RH non-condensing

Battery Protection

- > Battery low protection
- > Battery reverse polarity fuse

Battery Configurations

- > 24 Volt, 5AH Batteries
- > 24 Volt, 14AH Batteries (Extended)
- > 24 Volt, 22AH Batteries (Extended)

Internal electrical installation

- > DIN rail TS35/7.5 or 15

Electrical components

- > All components EMC compliant

Dimensions

- > 400mm x 400mm x 200mm

Weight

- > 5AH ~ 15kg
- > 14AH ~ 20kg
- > 22AH ~ 23kg

Product Ordering Codes

- | | |
|-----------------|------------------|
| > Mini UPS 5AH | W-PSI005-MINI-5 |
| > Mini UPS 14AH | W-PSI005-MINI-14 |
| > Mini UPS 22AH | W-PSI005-MINI-22 |