



Productivity and Safety through
Mine-Spec digital applications

AXON
mini UPS



Focus on tunneling and hard rock solutions

Cost effective

Fit for purpose

Extendible battery capacity

60W combined output

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

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 meters, where power loads do not exceed 60W or where the focus is on tunneling or non-complex stand-alone 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

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

Internal Electrical Installation

- DIN rail TS35/7.5 or 15 terminal blocks

Electrical Components

- All components EMC complied

Enclosure

- Material: Powder coated steel
- Ingress Protection: IP65

Dimensions

- 400(h) x 400(w) x 200(d)

Weight

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

PRODUCT ORDERING CODES

Mini UPS 5AH	AXON-M-5AH-KIT
Mini UPS 14AH	AXON-M-14AH-KIT
Mini UPS 22AH	AXON-M-22AH-KIT



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