

MobileView[®] Power Supply

Uninterruptible Power Supply
for mobile applications



OVERVIEW

Designed specifically for mobile applications, the MobileView Uninterruptible Power Supply (UPS) provides power to the MobileView system in the event of vehicle power loss. The UPS regulates input voltage fluctuations supplied to the MobileView system. When input voltage is out of operating tolerance the UPS continues to provide enough output voltage for a short duration to help provide uninterrupted operation. The UPS will charge backup battery during normal input voltage conditions. To take care of longer power interruptions, the UPS can be configured to send an alarm signal to the MobileView recorder to perform an orderly shutdown. This ensures that critical video surveillance is retained if needed for later investigations.

STANDARD FEATURES

- Provides power to the MobileView system in the event of an outage, ensuring uninterrupted operation
- Configurable alarm signal ensures critical video surveillance is retained
- Rugged construction can withstand operating temperatures from 0°C to 50°C
- Simple, maintenance-free design
- Quick-connect battery terminals
- 9 to 36VDC input voltage

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Specifications

Input Requirements

Input Voltage	9 to 36 VDC. Up to 50VDC without damage
Operating Current	18A
Input Protection	20A ATO automotive blade fuse in input cable

Output

Normal Mode	14 to 16VDC, 115W (UPS battery gets charged)
Backup Mode	9 to 14VDC, 115W (UPS battery supplies power)

Relay Contacts

Relay Contacts	Common, Normally Open, Normally Closed lines
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Alarm

Alarm	Alarm line is connected to 'NO' and has output when UPS output is good
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Environment

Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 80°C

UPS Battery

Capacity	12V, 10AH
Battery Protection	20A ATO automotive blade fuse in battery cable

Battery Charger

Charging Rate	1A
Battery Float Voltage	13.5VDC at 25C

Ordering Information

MVA-2551-12-115	UPS, 12VDC OUT, 115W
MVA-BATT-12-10-B1-2	Battery, 12V, 10 AH, Vertical Bracket