

MSP-070

POWER SUPPLY CHARGER



Image: MSP-070

ECONOMICAL, EASY-TO-USE CHARGING SOLUTION

Designed for Showroom & Reflash Applications

The Midtronics MSP-070 Power Supply Charger provides clean, reliable power for charging and maintaining battery state-of-charge during service reflash, complex maintenance, and in the showroom.

- Avoid potential battery damage from drain during vehicle service
- Maintain vehicle electronic and accessory settings
- Return battery in optimum condition to prevent potential no-starts and ensure customer satisfaction

Clean and Stable DC Power Supply

Selectable voltages of 13.2, 13.8, and 14.4 VDC via 3-position switch for showroom battery maintenance, reflash, and extended maintenance events.

- Low profile to fit under vehicles
- Dynamic internal fan control offers quiet operation
- CAN interface
- 3m, and 5m cable length options; field-replaceable
- Integrated carry handle



Image: left side MSP-070



Image: right side MSP-070

EXTENSIVE SAFETY & PROTECTION FEATURES

- Reverse polarity protection
- Clamp disconnect detection
- Circuit breaker for DC output protection
- Clamp high temperature detection
- Input surge protection
- Power factor correction

QUICKLY CHARGES BATTERIES

- Standard lead-acid
- AGM
- EFB
- Future provision for Li-ion batteries



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PRODUCT SPECIFICATIONS

Charge Cables (Field-replaceable)

- 3m (9.8 ft.) or,
- 5m (16.4 ft.)

Power Cord

Accepts locking C13 connector for region-specific power cables:

- United States: EMA 5-15 termination, rated at 15A/125V UL CSA
- EU & Latin America: 10A/250V IEC60320 / VDE
- Japan: PSE 15A/125V
- 2m (6.6 ft.) or 5m (16.4 ft.)

Applications

- Automotive
- Heavy-Duty
- Power Sports
- Group 31
- Commercial 4D/8D

Battery Chemistries

- Lead acid
- AGM
- EFB
- Li-ion ready

Operating Parameters

- Input Voltage: 110 - 240 VAC; 50 - 60 Hz; 12A maximum
- Output: 13.2, 13.8 or 14.4 VDC; 70A maximum

Temperature

Operating temperature range: 0°C to +60°C (32°F to +140°F)
Storage temperature range: -10°C to +85°C (14°F to 185°F)

Humidity

15 to 18% r.H., non-condensing

Dimensions

Height: 3.40 in (86.36 mm)
Width: 10.24 in (260.00 mm)
Length: 15.35 in (390.00 mm)
Weight: 15.55 lbs (7.05 kg) without cables
Weight: 19.43 lbs (8.78 kg) with cables

Certifications

- UL
- CUL
- CEC
- RoHS
- FCC

Networking & Communication

Features

Available with optional CVG-3 Convergence Module and/or GTW-1 Gateway Communication Hub

- Bluetooth and WiFi wireless capability
- Reporting & Analytic Tools
- Enterprise Asset Management
- Communication with Midtronics next-generation platforms & tools

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