

MSP-070

POWER SUPPLY CHARGER

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, 13.7, and 14.2 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
- 2m, 3m, and 5m cable length options; field-replaceable
- Integrated carry handle

Extensive Safety & Protection Features

- Selectable constant voltage
- 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

Available Models

- **MSP-070-2:** Includes power supply charger, AC power cord, 2m field-replaceable charge cables
- **MSP-070-3:** Includes power supply charger, AC power cord, 3m field-replaceable charge cables
- **MSP-070-5:** Includes power supply charger, AC power cord, 5m field-replaceable charge cables

Applications

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

Battery Chemistries

- Lead acid
- AGM
- EFB

Certifications

- UL
- RoHS
- CUL
- FCC
- CEC
- CE

Operating Parameters

- Input Voltage: 110 - 240 VAC; 50 - 60 Hz; 12A max
- Output: 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 tp 18% r.H., non-condensing

Charge Cables (Field-replaceable)

- 2m (6.6 ft.) Standard
- 3m (9.8 ft.)
- 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

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) w/o cables
Weight: 19.43 lbs (8.78 kg) with cables

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