

350W Power Inverter/Charger for Mobile Medical Equipment, 120V - IEC 60601-1, Remote User Interface

MODEL NUMBER: HC350SR



Medical inverter/charger with IEC 60601-1 powers equipment used in healthcare facilities inside and outside patient care areas.

Features

350W 120V Medical-Grade Mobile Power Inverter/Charger for Medical Carts This cost-effective hospital-cart power inverter/charger for medical equipment integrates seamlessly into your existing system. The HC350SR medical inverter battery charger is the ideal solution for providing safe, compliant power to mobile medical equipment used both inside and outside patient care areas. It is compatible with SLA batteries (not included).

Medical Inverter Provides IEC 60601-1 Compliance for All Connected Electronic Devices An isolation transformer reduces the cumulative shock potential of connected equipment, which helps ensure IEC 60601-1 compliance for use in every sector of healthcare facilities, including patient care areas. In addition to IEC 60601-1, this module meets NFPA, NEC and Joint Commission standards.

Smart Charging System for Long Battery Life The advanced three-stage charger recharges batteries faster and more safely than conventional chargers. An internal automatic transfer switch (ATS) lets the module power connected equipment while also recharging the battery at the same time. The HC350SR can provide multiple hours of AC power in standard configuration, though runtime varies depending on battery condition and load.

Combats Electromagnetic Interference That Can Harm Equipment Various electromagnetic and radio sources found in virtually every medical facility can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage and data corruption. The HC350SR incorporates technology that filters out disruptive line noise so it won't affect your equipment.

Superior Design for Simple Fuss-Free Use The HC350SR's simple cart and fleet management lets you track usage data at a glance. free downloadable PowerAlert software automatically saves valuable patient data from loss or corruption if the cart is left unattended and battery power is depleted. An included remote user interface displays output and battery status and features on/off and alarm-mute switches.

Rugged Construction Sure to Stand Up to Demanding Environments The compact steel housing features a USB communication port and one C13 AC outlet on a six-inch dongle for connecting a device's power cord. It is designed to endure in severe medical environments where reliable power is essential.

Highlights

- All-in-one inverter/charger/controller powers equipment on mobile medical carts
- IEC 60601-1 compliance for use inside and outside patient care areas
- Approved to EN60601-1-2:2015, 4th Ed.
- Included remote user interface (RUI) displays output and battery charge status
- Internal ATS powers connected equipment and recharges battery simultaneously
- Free PowerAlert® software protects valuable patient data from loss or corruption

Package Includes

- HC350SR 350W Power Inverter/Charger for Mobile Medical Equipment, 120V
- Remote user interface



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Specifications

| OVERVIEW | |
|--------------------------------------|---|
| UPC Code | 037332127341 |
| INPUT | |
| Input Phase | Single-Phase |
| Nominal Input Voltage(s) Supported | 120V AC |
| Recommended Electrical Service | 15A 120V |
| Input Connection Type | IEC |
| Voltage Compatibility (VAC) | 120 |
| Voltage Compatibility (VDC) | 12 |
| Input Cord Length (ft.) | 0.5 |
| Input Cord Length (m) | 0.15 |
| OUTPUT | |
| Frequency Compatibility | 60 Hz |
| Output Receptacle Details | Compatible with Eaton Tripp Lite Power Cords |
| Pure Sine Wave Output | Yes |
| Output AC Waveform (Battery Mode) | Pure Sine wave |
| Nominal Output Voltage(s) Supported | 120V |
| Output Receptacles | (1) C13 |
| Continuous Output Capacity (Watts) | 150 |
| Peak Output Capacity (Watts) | 225 |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Full Load Runtime | Up to 6 hours typical runtime in standard configuration. Runtime varies depending on battery condition and load |
| Expandable Runtime | Yes |
| Expandable Battery Runtime | Yes |
| DC System Voltage (VDC) | 12 |
| Battery Charge | Equal to discharge time. Includes advanced 3-stage (9-20A) battery charger |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LEDs | On Remote User Interface (RUI): Output AC Power, Battery Charge Level and Battery Charging Status (Sold Separately) |



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|-------------------------------------|--|
| Switches | On Remote User Interface (RUI): On/Off Switch and Alarm-Mute Switch (Sold Separately) |
| Audible Alarm | Low Battery Alarm |
| SURGE / NOISE SUPPRESSION | |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Primary Form Factor | Tower |
| Color | Gray |
| Material of Construction | Steel |
| Cooling Method | Fan |
| Shipping Dimensions (hwd / in.) | 7.40 x 8.80 x 13.90 |
| Shipping Dimensions (hwd / cm) | 18.80 x 22.35 x 35.31 |
| Shipping Weight (lbs.) | 16.20 |
| Shipping Weight (kg) | 7.35 |
| Unit Dimensions (hwd / in.) | 3.500 x 11.500 x 6.000 |
| Unit Dimensions (hwd / cm) | 29.2 x 15.2 x 8.9 |
| Unit Weight (lbs.) | 14 |
| Unit Weight (kg) | 6.35 |
| COMMUNICATIONS | |
| Network Monitoring Port | USB |
| Communications Interface | USB |
| STANDARDS & COMPLIANCE | |
| Product Certifications | IEC 60601-1; CAN/CSA-C22.2 No. 601.1; UL 1778 |
| Product Compliance | RoHS |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |
| Optional Coverage | <u>WEXT1E</u> - 1 year extended warranty <u>WEXT2E</u> - 2 year extended warranty <u>WEXT3E</u> - 3 year extended warranty |

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