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

Applications

- Power a computer, monitor, USB hub, barcode scanner or other equipment on a mobile medical cart used inside or outside patient care areas

Package Includes

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

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
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)
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
Material of Construction	Steel
Cooling Method	Fan
Shipping Dimensions (hwd / in.)	7.40 x 8.80 x 13.90
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	WEXT1E - 1 year extended warranty WEXT2E - 2 year extended warranty WEXT3E - 3 year extended warranty

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