150W Power Inverter/Charger for Mobile Medical Equipment, 120V - IEC 60601-1

MODEL NUMBER: **HC150SL**

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

Features

150W 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 HC150SL 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.

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. This unit is compatible with both sealed lead acid (SLA) and Lithium Ion Phosphate (LiFePhos) batteries, so you can determine which technology best fits your needs. In addition to IEC 60601-1, this module meets NFPA, NEC and JCAHO 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 HC150SL 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 HC150SL incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

Superior Design for Simple Fuss-Free Use
The HC150SL's simple cart and fleet management lets you track usage data at a glance. Tripp Lite's free downloadable PowerAlert software automatically saves valuable patient data from loss or corruption if the cart is left unattended and battery power is depleted. The included USB cable connects the module to any cart-mounted thin client or laptop computer. An optional remote user interface (RUI; sold separately) displays output and battery status and includes on/off and alarm-mute switches.

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
- Works with both SLA and LiFePhos batteries to best fit your power requirements
- 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

- HC150SL 150W Power Inverter/Charger for Mobile Medical Equipment, 120V
- USB cable, 2 ft.

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.

Specifications

OVERVIEW	
UPC Code	037332156792

OUTPUT	
Output Volt Amp Capacity (VA)	150
Nominal Output Voltage(s) Supported	120V
Frequency Compatibility	60 Hz
Output Receptacles	(1) C13
Output AC Waveform (Battery Mode)	Pure Sine wave
Output (Watts)	150
Continuous Output Capacity (Watts)	150
Peak Output Capacity (Watts)	225

INPUT	
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	C14 inlet
Recommended Electrical Service	15A 120V
Input Connection Type	IEC
Input Cord Length (ft.)	0.5
Input Cord Length (m)	0.15
Voltage Compatibility (VAC)	120
Voltage Compatibility (VDC)	12
Input Phase	Single-Phase

BATTERY	
Expandable Battery Runtime	Yes
DC System Voltage (VDC)	12
Full Load Runtime	Up to 6 hours typical runtime in standard configuration. Runtime varies depending on battery condition and load
Battery Pack Accessory (Optional)	Yes
Battery Charge	Equal to discharge time. Includes advanced 3-stage (9-20A) battery charger

Expandable Runtime	Yes

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
Shipping Dimensions (hwd / in.)	7.500 x 8.600 x 14.100
Shipping Dimensions (hwd / cm)	19.05 x 21.84 x 35.81
Shipping Weight (lbs.)	13.9000
Shipping Weight (kg)	6.30
Unit Dimensions (hwd / in.)	11.5 x 6 x 3.5
Unit Dimensions (hwd / cm)	29.2 x 15.2 x 8.9
Unit Weight (lbs.)	14
Unit Weight (kg)	6.35
Cooling Method	Fan
Material of Construction	Steel

COMMUNICATIONS

Communications Interface	USB
Network Monitoring Port	USB

CERTIFICATIONS

UPS Certifications	UPS Certifications Tested to IEC60601-1 (medical grade)
Certifications	Tested, certified and compliant to IEC60601-1, CAN/CSA-C22.2 No. 601.1-M90 and UL 1778 by TUV

WARRANTY

Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	WEXT1E - 1 year extended warrantyWEXT2E - 2 year extended warrantyWEXT3E - 3 year extended warranty

YES/NO WEB CATEGORY PAGE FILTERS

Remote Control Capability	Yes