

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.

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 dangle 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, approved for use within the patient care vicinity
- Approved to EN60601-1-2:2015, 4th Edition
- 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.

Specifications



| OVERVIEW | |
|--|---|
| UPC Code | 037332156792 |
| INPUT | |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | C14 inlet |
| 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 |
| Output (Watts) | 150 |
| 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 | |
| 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) |



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| Audible Alarm | Low Battery Alarm |
| SURGE / NOISE SUPPRESSION | |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Cooling Method | Fan |
| Material of Construction | Steel |
| Shipping Dimensions (hwd / cm) | 19.05 x 21.84 x 35.81 |
| Shipping Dimensions (hwd / in.) | 7.50 x 8.60 x 14.10 |
| Shipping Weight (kg) | 6.48 |
| Shipping Weight (lbs.) | 14.29 |
| Unit Dimensions (hwd / cm) | 29.2 x 15.2 x 8.9 |
| Unit Dimensions (hwd / in.) | 11.5 x 6 x 3.5 |
| Unit Weight (kg) | 6.35 |
| Unit Weight (lbs.) | 14 |
| COMMUNICATIONS | |
| Network Monitoring Port | USB |
| Communications Interface | USB |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested, certified and compliant to IEC60601-1, CAN/CSA-C22.2 No. 601.1-M90 and UL 1778 by TUV |
| UPS Certifications | UPS Certifications Tested to IEC60601-1 (medical grade) |
| WARRANTY | |
| 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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