

LTV[®] Transport Battery System

Innovation Set in Motion

Building on the LTV Series ventilator's reputation for mobility, the Transport Battery System allows the LTV to conveniently move with the patient across multiple sites of care. Features include:

- A lightweight Lithium Ion battery which provides a nominal duration of three hours of additional external power
- Versatile LTV Transport Pack with a variety of configurable carrying and mounting options
- Compact battery charger with the option to charge two batteries simultaneously



LTV[®] Transport Battery System

Lithium Ion Battery Specifications

Physical Specifications (Approx.)

Weight:	2.7 lbs (1.2 kg)
Height:	1 inch (2.5 cm)
Width:	6 inches (15.2 cm)
Depth:	9.3 inches (23.6 cm)

Power Specifications

Battery Chemistry:	Lithium Ion
Operating Time:	3 hours nominal
Recharge Time:	4 hours
Voltage:	14.4 V nominal
Cycles:	150 full cycles at 70°F / 21°C

Power Indicators

Charge Status:	Five segment green LEDs
20% Remaining Charge:	5th LED flashes yellow at 1Hz
10% Remaining Charge:	5th LED flashes yellow at 2Hz
Recharging:	Red illuminated 5th LED
Fully Recharged:	Green illuminated 5th LED

Environmental Specifications

Operating Temperature:	5°C to 40°C
Storage Temperature:	-20°C to 50°C
Operating Humidity:	15% to 95% relative
Storage Humidity:	15% to 95% relative



Standards Compliance

Shock and Vibration:	MIL-STD-810E
Water Ingress:	IEC 529 IPX1 & IEC 601-1, Clause 44.3
EMC Compatibility:	IEC 60601 Emissions, Immunity and ESD
RF Emissions:	RTCA DO-160D Section 21.4 Radiated RF Interference
ESD Protection:	ASTM F1246-91 4.14.3.1 & IEC60601 for ESD

Lithium Ion Battery Charger Specifications

Physical Specifications (Approx.)

Weight:	8.8 ounces (.3 kg)
Height:	1.3 inches (3.3 cm)
Width:	4.9 inches (12.4 cm)
Depth:	1.9 inches (4.8 cm)

Power Specifications

AC Input Voltage:	100 to 240 VAC
AC Input Frequency:	47 to 63 Hz
DC Output Voltage:	17.2 VDC
Output Current:	4.5 A max.

Power Indicators

AC Power Connected:	Power indicator illuminates green
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