

INTEGRITY PRO Medical UPS Specifications

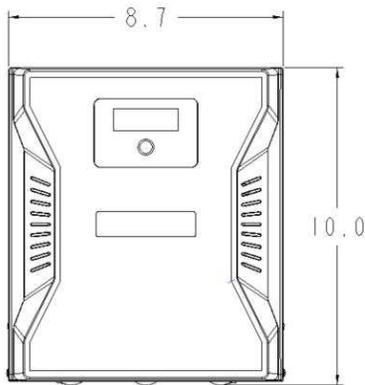
(230 VAC) 1440VA

MODEL		NPTU1500-LM-i
TOPOLOGY		Line interactive, true sine wave, isolated, UPS
INPUT	Voltage (VAC)	230 VAC
	Voltage Range (VAC)	185 VAC to 275 VAC
	Frequency (Hz)	50/60 Hz (Auto-Detection)
	Frequency Tolerance	± 3.0 Hz (Before Switching to Batteries)
	Connection	IEC 320 C14 inlet
	Rated Current (A)	8.4
OUTPUT	Capacity (VA / Watts)	1440/1296
	Voltage (VAC)	230 VAC
	Voltage Regulation	± 10 % of Nominal (when supplied from mains input)
	Voltage THDv	≤ 4.0% Linear Load, ≤ 8% Non-linear Load in inverter operation
	Step Load Response	± 5.0% for 100% Step Load Change
	Frequency sync. (Hz)	±3 Hz
	Frequency Regulation	± 0.2 Hz of Nominal on batteries
	Overload on-line mode	>100 to 105%, continuous >105 to 150% alarm and shutdown after 10 seconds.
	Efficiency	On AC mains ≥ 91.0% (without charger) DC-AC ≥ 82.0%
	Connection	(8) IEC320 C13
BATTERY	Voltage (VDC)	48 Nominal
	Battery	12V, High Rate, Valve Regulated Sealed Lead-Acid
	Quantity	4
	Charge Current (ADC)	2.0 Amps
	Transfer Time	6 to 9 ms typical
	Backup Time (min)	5
	Recharge Time	80% < 6 Hrs (24 hours to full charge)
ENVIRONMENT	Temperature (°C)	Operating: 0 to 40 °C; Storage: -15 to 55 °C; Transit: -15 to 60 °C
	Altitude (m)	Operating: 2,000; Transit: 12,000
	Humidity	5.0% to 95.0%, non-Condensing
	Audible (dBA)	≤ 50 @ 1 Meter from Front of Unit
	Heat Dissipation (BTU/hr)	441
AGENCIES	EMC	EN60601-1-2:2007, CISPER11:2009, A1 Class B
	Safety Agencies	UL to IEC62040, IEC 60601-1 3 rd For Leakage and di-electric, CE mark IEC61000-4-2, -3, -4, -5, -6, -8 and -11
	RoHS	All Units are RoHS Compliant (where applicable)

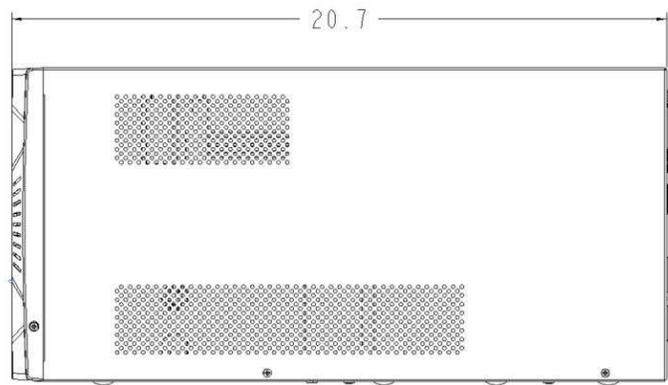
OTHER	Communication	USB SNMP Adapter (Optional)
	Unit Weight (lbs/kg)	87 / 40
	Shipping Weight (lbs/kg)	94 / 43
	Dimensions (HxWxD) in/mm	10.0 x 8.7 x 20.7 / 254 x 221 x 526

NOISE REJECTION-ISOLATION: With unit under power and an ANSI/IEEE C62.41Cat. A pulse applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM).

SURGE VOLTAGE WITHSTAND CAPABILITY: Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 µsec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 µsec risetime, 100 kHz decay.



Front View



Side View

Battery Run time Chart (in minutes):

Load %	25%	50%	75%	100%
NPTU1500-LM-i	28	14	7	5

Warranty/Support

NXT Power warrants the components (including internal batteries) used in its uninterruptible power supplies to be free from defects in materials and workmanship for a period of three years from the date of shipment. See Warranty Statement for complete details. For North American service or support on any NXT Power product, please contact NXT Power at (877) NXT POWR (877-698-7697). In Illinois, call (872) 310-4056. To view the NXT Power Warranty Policy and Procedures, visit www.nxtpower.com