

INTEGRITY PRO Desktop UPS Specifications

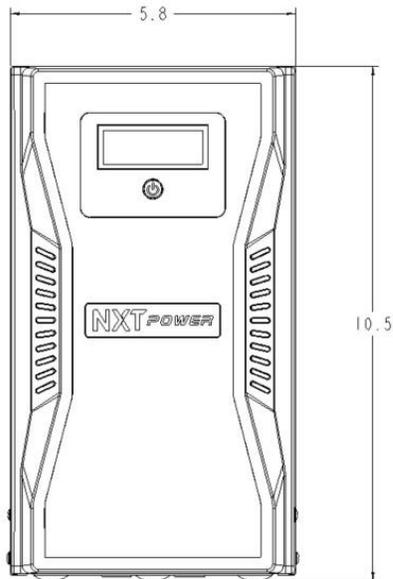
250VA and 400VA

MODEL		NPTU250-GL-N	NPTU400-GL-N
TOPOLOGY		Line interactive, true sine wave, isolated, with AC and DC output	
INPUT	Voltage (VAC)	120 VAC	
	Voltage Range (VAC)	96 VAC to 144 VAC	
	Frequency (Hz)	60 Hz	
	Frequency Tolerance	± 3.0 Hz (Before Switching to Batteries)	
	Connection	NEMA 5-15P (fixed 6 ft line cord)	
	Rated Current (A)	3.0	5.0
OUTPUT	Capacity (VA / Watts)	250/200	400/320
	Voltage (VAC)	120 VAC	
	Voltage (VDC)	24.0 DC @ 3.0 amps maximum	
	Voltage Regulation	± 10 % of Nominal (when supplied from mains input)	
	Voltage THDv	≤ 4.0% Linear Load, ≤ 8% Non-linear Load	
	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	<105%, continuous > 105% alarm and shout down	
	Efficiency	AC-AC ≥ 90.0% DC-AC ≥ 82.0%	
	Connection	(5) NEMA 5-15R and (1) terminal block for DC output	
BATTERY	Voltage (VDC)	12 Nominal	
	Battery	12V, High Rate, Valve Regulated Sealed Lead-Acid	
	Quantity	1	
	Charge Current (ADC)	1.5 Amps	
	Transfer Time	6 to 9 ms typical	
	Backup Time (min)	7	5
	Recharge Time	90% < 8 Hrs	
ENVIRONMENT	Temperature (°C)	Operating: 0 to 40 °C; Storage: -10 to 50 °C	
	Altitude (m)	Operating: 2,000	
	Humidity	5.0% to 90.0%, non-Condensing	
	Audible (dBA)	≤ 40 @ 1 Meter from Front of Unit	
	Heat Dissipation (BTU/hr)	90	140
AGENCIES	EMC	FCC Part 15J Class A	
	Safety Agencies	UL1778 cUL to CSA22.2 No.107.3	
	RoHS	All Units are RoHS Compliant (where applicable)	

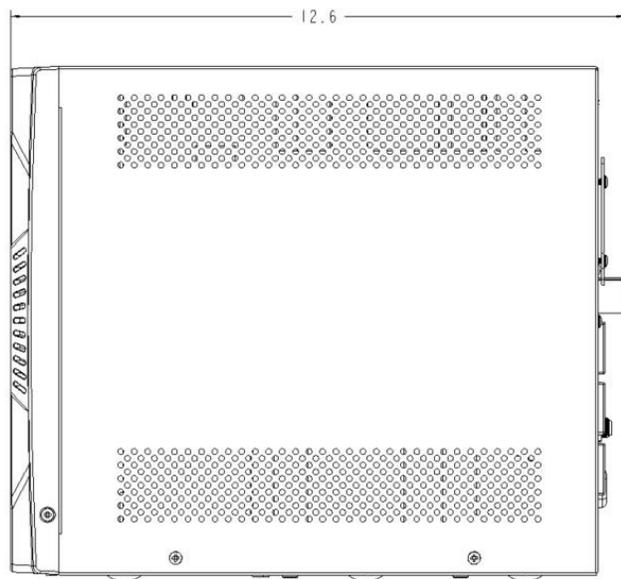
OTHER		
OTHER	Communication	USB
	Unit Weight (lbs/kg)	31 / 14
	Shipping Weight (lbs/kg)	37 / 17
	Dimensions (HxWxD) in/mm	10.5 x 5.8 x 12.6 / 267 x 147 x 318

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

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