

## Product Selection

Input Voltage	Operating Temperature	Output Power	Cat. No.
120V AC	0...40°C	750VA (500 W)	1609-U750N
		1000VA (670 W)	1609-U1000N
		1440VA (980 W)	1609-U1500N

## Specifications

Electrical Ratings		1609-U750N	1609-U1000N	1609-U1500N
Input	V nom.	120V		
	Voltage range, default	82...144V		
	Voltage range, widest, on line	75...154V		
	Capacity frequency	50/60 Hz +/- 3 Hz (auto sensing)		
Output	V nom.	120V		
	Capacity	750VA (500 W)	1000VA (670 W)	1440VA (980 W)
	Frequency	47...53 Hz for 50 Hz, nominal 57...63 Hz for 60 Hz, nominal		
	THD	<5% at full load		
	Crest factor	up to 5:1		
	Output connections	(6) NEMA 5-15R	(8) NEMA 5-15R	(8) NEMA 5-15R
Protection	Surge rating	540 J	459 J	459 J
	Filtering	Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL 1449		
Regulatory		UL 1778, CSA, BSMI, FCC Part 15 Class A, UL Listed, VCCI	UL 1778, CSA, BSMI, FCC Part 15 Class A	UL 1778, CSA, BSMI, FCC Part 15 Class A
Battery Pack	Typical run rime, full load	4.6 minutes (500 W)	6.1 minutes (670 W)	15.9 minutes (250 W)
	Typical run time, half load	15.9 minutes (250 W)	20.6 minutes (335 W)	23.9 minutes (490 W)
	Type	Maintenance-free, sealed lead acid with suspended electrolyte, leakproof		
	Typical recharge time	3 hours		
Environment	Temperature	0...40°C (32...104°F), operating -15...45°C (5...113°F), storage		
	Altitude	0...3000 m (0...10 000 ft), operating		
	Humidity	0...95%, operating		
	Heat output	90 BTU per hour	100 BTU per hour	135 BTU per hour
	Audible noise	55 dB @ 1 meter	41 dB @ 1 meter	45 dB @ 1 meter
Communication	Interface ports	DB9 RS-232, USB, SmartSlot (optional accessory cat. no. 1609-NMC)		
	Control panel	LED status display with load and battery bar graphs and on line, on battery, replace battery, and overload indicators		
	EPO	Remote start/stop cable (optional accessory cat. no. 1609-RSC)		
	Audible alarm	Alarm when: on battery, distinctive low battery, and configurable delays		

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