

GENERAL

Rated power: 6000 VA, 8000 VA, 10000 VA, 12000 VA with a power factor of 0.7
Technology: True on-line, double conversion topology with integral automatic bypass

INPUT

Phase: Single phase plus ground
Input Bypass Voltage: 184 - 265 VAC (+15% to -20% of 230V nominal - user selectable)
Input Voltage range: 120 / 140 / 160 / 180VAC - 276 VAC
(120V - 276V @ 25% load, 140V - 276V @ 50% load,
160V - 276V @ 75% load, 180V - 276V @ 100% load)
Frequency: 50 / 60 Hz Auto-sensing
AC Frequency range: 45 - 65 Hz
Synchronization range: ± 3Hz
Input Current: 6000VA - 23.0A, 8000VA - 30.7A, 10000VA - 38.3A, 12000VA - 46.0A
Input Power factor: 0.97

OUTPUT

Output Voltage: 208 / 220 / 230 / 240 VAC (user selectable)
Voltage regulation: ± 2%
Voltage distortion: < 5% THD with non-linear loads, < 3% THD with linear loads
Frequency regulation: ± 0.25 Hz (while on battery or in free run mode)
Dynamic response: ± 9 % max from 100% to 20 % or from 20% to 100 % linear load
Overload capacity: 100 - 125% for 1 min, 126 - 150% for 10 sec
Efficiency (HE Mode): Greater than 95%
Efficiency (On-line Mode): Greater than 88%
Crest Factor: 3 : 1

ENVIRONMENTAL

Ambient temperature range: +32 °F to +104°F (+0 °C to +40 °C)
Optimum temperature range: +59 °F to +77°F (+15 °C to +25 °C)
Storage temperature: +5 °F to +122°F (-15 °C to +50 °C)
Cooling: Forced air cooling
Humidity: 0-95%, non-condensing
Elevation: 10,000 feet max (operation), 45,000 feet (storage)
Audible noise: < 55 db normal and battery mode (6000-8000 VA models)
< 55 db normal and battery mode (10000-12000 VA models)

STANDARDS

Safety: EN50091-1-1
Emissions: EN50091-2 class B
Immunity: EN50091-2
Conformity: UL 1778, CSA 107.1, 107.2, CE
Transient Immunity: Per IEEE C 61000-4-5 level 3

230V Tower Models

Capacity	6000VA / 4200W	8000VA / 5600 W	10000VA / 7000 W	12000VA / 8400 W
Input Connection	Hardwire Terminal Block			
Output Connection	Hardwire Terminal Block			
Battery Type & Rating	Sealed, lead-acid 7.2Ah/12V	Sealed, lead-acid 7.2Ah/12V	Sealed, lead-acid 9Ah/12V	Sealed, lead-acid 7.2Ah/12V
Battery Quantity	20	20	20	40
Backup time (Full load)	6 min	4 min	5 min	6 min
Recharge time	<4 hours to 90%			
Dims ins/mm W x D x H	10.2 x 27.6 x 27.6 258 x 700 x 700	10.1 x 27.2 x 28 257 x 690 x 715		13.5 x 27.2 x 34.6 342 x 690 x 878
Weight lbs/kg	176 / 80	189 / 86	189 / 86	286 / 130