

Millennium Series Power Inverters

Environmentally Friendly, Quiet, Reliable, AC Power



Output Voltage (VAC) 120 RMS $\pm 5\%$
Output Frequency: 60 Hz $\pm 0.05\%$
Output Waveform: Quasi-sine wave, with waveform stabilizer
Input Voltage: (VDC) 11 to 14
Operating Temperature: -20° to 40° C (0° to 104° F)
Efficiency: Up to 93%



R4 Option

Other Design Features:

Unit Protection:

- Thermally-controlled cooling fan
- GFCI outlet protection
- Enclosed AC and DC cable connections with strain relief
- Remote ON/OFF switch hookup
- LED for Inverter power, Low battery, High temperature, & Overload
- Battery voltage indicator with push-to-test
- Optional Battery Charger "B3" and Transfer Relay "T"
- Optional Remote Panel "R" with LED indication of External power, Inverter power, Low battery, Overload, and High temperature
- Optional Remote Panel "R4" with Liquid Crystal Display (11 operating & 12 troubleshooting messages)

- Automatic electronic short circuit/overload protection
- Automatic high temperature shutdown
- Output circuit breakers

Battery Protection:

- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)

MODEL NUMBER	12X16U	12X20U	12X25U	12X30U	12X36U
Output Power (Watts Cont.)	1,600	2,000	2,500	3,000	3,600
Output Current (Amps AC)	Up to 13	Up to 17	Up to 21	Up to 25	Up to 30
Peak Output (Amps AC)	55	70	80	90	90
Output Rating: (hp)	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$
Input Current (Amps DC)	Up to 160	Up to 200	Up to 250	Up to 300	Up to 360
Weight (lbs.)	40	44	49	53	58
Dimensions in. (LxWxH)	15 $\frac{3}{4}$ x 11 $\frac{1}{2}$ x 7 $\frac{3}{4}$				
BATTERY CHARGER "B3"	3 step charger with automatic conditioning; Temperature compensated output voltage; selectable between wet and sealed lead acid batteries; selectable between small and large battery banks				
Output Current (Amps DC)	75	100	130	140	140
Input Current (Amps AC)	Up to 16	Up to 21	Up to 26	Up to 28	Up to 28
TRANSFER RELAY "T"	Fail-safe shore power Transfer Relay				
Current Rating (Amps AC)	30				
Transfer Time (milliseconds)	Less than 16 typical				

Usage: Any 120 VAC, 60 Hz single phase product within the inverter's power rating that does not require a pure sine waveform.

Warranty: Full year parts and factory labor (with Advance Replacement Program)