

## 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:

- 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)

### Unit Protection:

- 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)

<b>MODEL NUMBER</b>	<b>12U12U</b>
<b>Output Power</b> (Watts Cont.)	1,200
<b>Output Current</b> (Amps AC)	Up to 10
<b>Peak Output</b> (Amps AC)	30
<b>Output Rating:</b> (hp)	¼
<b>Input Current</b> (Amps DC)	Up to 120
<b>Weight</b> (lbs.)	27
<b>Dimensions</b> in. (LxWxH)	13¼ x 11 x 6¾
<b>BATTERY CHARGER "B3"</b>	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
<b>Output Current</b> (Amps DC)	55
<b>Input Current</b> (Amps AC)	Up to 13
<b>TRANSFER RELAY "T"</b>	Fail-safe shore power Transfer Relay
<b>Current Rating</b> (Amps AC)	30
<b>Transfer Time</b> (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 Adv. Replacement Program)**