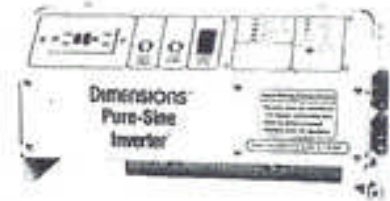


Millennium Series Power Inverters

Environmentally Friendly, Quiet, Reliable, AC Power



Output Voltage (VAC)	120 ±5%
Output Frequency:	60 Hz ± 0.05%
Output Waveform:	Pure sine wave, <5% THD typical
Input Voltage: (VDC)	11 to 14
Operating Temperature:	-20° to 40° C (0° to 104° F)
Efficiency:	Up to 88%



Other Design Features:

- Patented construction and cooling methods
- 16 bit, 16 MHz microprocessor control
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of External power, Inverter power, Low input voltage, High temperature, & Overload
- Battery voltage indicator with push-to-test
- Optional Battery Charger "B1" (12/1800N and 12/3000N only)
- Optional Transfer Relay "T"
- Optional Transfer Relay "T1" (12/3000N or 12/3600N only)
- Optional Dual Output Voltage "D" (120/240 VAC) (12/2400N, 12/3000N, and 12/3600N only)
- Remote Control "R" (not on 12/3000NPL)

Unit Protection:

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

Battery Protection:

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

MODEL NUMBER	12/1800N	12/2400N	12/3000N	12/3600NPL
Output Power (Watts Cont.)	1,800	2,400	3,000	3,600 (30 min)
Output Current (Amps AC)	Up to 15	Up to 20	Up to 25	Up to 30
Peak Output (Amps AC)	33	54	54	60
Output Rating: (hp)	½	1	1	1½
Input Current (Amps DC)	Up to 180	Up to 240	Up to 300	Up to 360
Weight (lbs.)	42	53	58	58
Dimensions in. (LxWxH)	15½ x 16 x 7½			

OPTIONAL BATTERY CHARGER "B1"

MODEL NUMBER	12/1800N	12/3000N
BATTERY CHARGER "B1"	Totally Correct ®, selectable between wet and sealed lead acid batteries, selectable between small and large battery banks	
Output Current (Amps DC)	Up to 85	Up to 105
Input Current (Amps AC)	Up to 15 @ 120 VAC	Up to 20 @ 120 VAC

OPTIONAL TRANSFER RELAY

MODEL NUMBER	1800N	2400N	3000N	3600NPL	3600N
TRANSFER RELAY	Smart Relay with low input voltage disconnect				
Availability	T	T	T or T1	T	T or T1
Current Rating "T"	30 Amps AC with 30 amp Output Circuit Breaker				
Current Rating "T1"	50 Amps AC with 50 amp Output Circuit Breaker				
Transfer Time	65 milliseconds (typical)				