

High Voltage Power Inverters

Environmentally Friendly, Quiet, Reliable, AC Power

Output Voltage (VAC)	120/240 ±5%
Output Frequency:	60 Hz ± 0.02%
Output Waveform:	Quasi-sine wave, with waveform stabilizer
Input Voltage: (VDC)	190 to 300 with maximum 5% ripple
Operating Temperature:	-20° to 40° C (0° to 104° F)
Efficiency:	Up to 88%



Other Design Features:

- NEMA type 12 enclosure
- LED indication for Inverter power, Low input voltage, Overload and High temperature
- Enclosed AC and DC cable connections
- Will hold a high voltage transient less than 600 volts with 200 amps flowing for 100 microseconds, up to 370 watt-seconds peak absorption
- Optional transfer Relay "T" or "T1"

Unit Protection:

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

Battery Protection:

- Automatic low power source shutdown at 190 VDC (with in-rush delay and automatic reset at 205VDC)

MODEL NUMBER	250/3000D	250/5000D	250/7000D	250/9000D
Output Power (Watts Cont.)	3,000	5,000	7,000	9,000
Output Current (Amps AC)	Up to 25	Up to 42	Up to 58	Up to 75
Peak Output (Amps AC)	75	150	175	225
Output Rating (horsepower)	1½	2	3	5
Input Current (Amps DC)	Up to 15	Up to 25	Up to 35	Up to 45
Weight (lbs.)	65	110	125	150
Dimensions in. (LxWxH)	16 x 17 x 10	18 x 20 x 12½		
TRANSFER RELAY	Smart relay with low voltage disconnect			
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 (milliseconds)	65 typical			

Usage: Any 120/240 VAC, 60 Hz, product within the inverter's power rating that does not require a pure sine waveform.

Warranty: Full year parts and factory labor.