

High Voltage Power Inverters

Environmentally Friendly, Quiet, Reliable, AC Power

Output Voltage (VAC)	120 ±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"

Unit Protection:

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

Battery Protection:

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

MODEL NUMBER	ADI-250/1000	ADI-250/2000
Output Power (Watts Cont.)	1,000	2,000
Output Current (Amps AC)	Up to 8	Up to 16
Peak Output (Amps AC)	24	48
Output Rating (horsepower)	1/2	1
Input Current (Amps DC)	Up to 5	Up to 10
Weight (lbs.)	44	55
Dimensions in. (LxWxH)	15 x 16 x 7 1/2	
TRANSFER RELAY "T"	Smart relay with low input voltage disconnect	
Current Rating	30 amps AC with 30 amp output breaker	
Transfer Time (milliseconds)	65 typical	

Usage: Any 120 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.