

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)	44 to 56
Operating Temperature:	-20° to 40° C (0° to 104° F)
Efficiency:	Up to 88%



Other Design Features:

- Patented construction and cooling methods
- Thermally-controlled cooling fan
- GFCI outlet protection
- Remote ON/OFF switch hookup
- Enclosed AC and DC cable connections
- LED indication for Inverter power, Low input voltage, Overload and High temperature
- Optional transfer relay "T"

Unit Protection:

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

Battery Protection:

- Automatic low battery shutdown at 42 VDC (with in-rush delay)

MODEL NUMBER	ADI-48/1200	ADI-48/2300
Output Power (Watts Cont.)	1,200	2,300
Output Current (Amps AC)	Up to 10	Up to 19
Peak Output (Amps AC)	30	55
Output Rating (horsepower)	1/3	1
Input Current (Amps DC)	Up to 31	Up to 56
Weight (lbs.)	29	50
Dimensions in. (LxWxH)	15 x 8.2 x 7½	15½ x 16 x 7½
TRANSFER RELAY "T"		Smart relay with low input voltage disconnect
Current Rating	15 amps AC with 15 amp output circuit breaker	30 amps AC with 30 amp output circuit 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.