

## High Voltage Power Inverters

*Environmentally Friendly, Quiet, Reliable, AC Power*

<b>Output Voltage (VAC)</b>	120/240 ±5%
<b>Output Frequency:</b>	60 Hz ± 0.02%
<b>Output Waveform:</b>	Quasi-sine wave, with waveform stabilizer
<b>Input Voltage: (VDC)</b>	230 to 360 (300 nominal)
<b>Operating Temperature:</b>	-20° to 40° C (0° to 104° F)
<b>Efficiency:</b>	Up to 88%



### Other Design Features:

- NEMA type 12 enclosure
- LED for Inverter power, Low input voltage, Overload and High temperature
- Enclosed AC and DC cable connections
- Transient voltage protection - 100 usec. max.
- 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 battery shutdown at 230 VDC with in-rush delay

MODEL NUMBER	ADI-300/3000D	ADI-300/5000D	ADI-300/7000D
<b>Output Power</b> (Watts Cont.)	3,000	5,000	7,000
<b>Output Current</b> (Amps @ 120AC)	Up to 25	Up to 42	Up to 58
<b>Peak Output</b> (Amps @ 120AC)	75	150	175
<b>Output Rating</b> (horsepower)	1½	2	3
<b>Input Current</b> (Amps DC)	Up to 12	Up to 21	Up to 29
<b>Weight</b> (lbs.)	65	110	125
<b>Dimensions</b> in. (LxWxH)	16 x 17 x 10	18 x 20 x 12½	
<b>TRANSFER RELAY</b>	Smart relay with low input voltage disconnect		
<b>Current Rating "T"</b>	30 amps AC with 30 amp output circuit breaker		
<b>Current Rating "T1"</b>	50 amps AC with 50 amp output circuit breaker		
<b>Transfer Time</b> (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.