

## High Voltage Power Inverters

*Environmentally Friendly, Quiet, Reliable, AC Power*

<b>Output Voltage (VAC)</b>	120 ±5%
<b>Output Frequency:</b>	60 Hz ± 0.02%
<b>Output Waveform:</b>	Quasi-sine wave, with waveform stabilizer
<b>Input Voltage: (VDC)</b>	56 to 80 (74 nominal)
<b>Operating Temperature:</b>	-20° to 40° C (0° to 104° F)
<b>Efficiency:</b>	Up to 88%



### Other Design Features:

- Patented construction and cooling methods
- Thermally-controlled cooling fan
- 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 breaker

### Battery Protection:

- Automatic low battery shutdown at 56 VDC (with in-rush delay)

MODEL NUMBER	ADI-64/500	ADI-64/1000	ADI-64/2100
<b>Output Power</b> (Watts Cont.)	500	1,000	2,100
<b>Output Current</b> (Amps AC)	Up to 4	Up to 8	Up to 18
<b>Peak Output</b> (Amps AC)	12	25	54
<b>Output Rating</b> (horsepower)	1/3	1/2	1
<b>Input Current</b> (Amps DC)	Up to 8	Up to 16	Up to 34
<b>Weight</b> (lbs.)	22	40	50
<b>Dimensions</b> in. (LxWxH)	15 x 8.2 x 7½	15½ x 16 x 7½	
<b>TRANSFER RELAY "T"</b>		Smart relay with low input voltage disconnect	
<b>Current Rating</b>	15 amps AC with 15 amp output circuit breaker	30 amps AC with 30 amp output circuit breaker	
<b>Transfer Time</b> (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.