

DC to AC Power Inverters

Designed for **Recreational Vehicles**

Environmentally Friendly, Quiet, Reliable, AC Power

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| Output Voltage (VAC) | 120 RMS \pm 5% |
| Output Frequency: | 60 Hz \pm 0.05% |
| Output Waveform: | Quasi-sine wave, with waveform stabilizer |
| Input Voltage: (VDC) | 11 to 14 |
| Operating Temperature: | -20° to 40° C (0° to 104° F) |
| Efficiency: | Up to 93% |



LCD Remote Display

Other Design Features:

- High peak power output to start demanding loads
- Thermally-controlled cooling fan
- Enclosed AC and DC cable connections with strain relief
- Optional Battery Charger "B3"
- Automatic fail-safe transfer "T Option" defaults to shore power when connected.
- Optional Remote Panel "R" with LED indication of External power, Inverter power, Low battery, Overload, and High temperature
- Optional LCD Remote Display Panel "R1" or "R4", that provides 11 operating & 12 troubleshooting messages. NOTE: "R1" is used with those RV's that support a Master Disconnect feature.

Unit Protection:

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

Battery Protection:

- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)

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| MODEL NUMBER | ADI-12U12 |
| Output Power (Watts Cont.) | 1,200 |
| Output Current (Amps AC) | Up to 10 |
| Peak Output (Amps AC) | 30 |
| Output Rating: (hp) | 1/4 |
| Input Current (Amps DC) | Up to 120 |
| Weight (lbs.) | 27 |
| Dimensions in. (LxWxH) | 13 1/4 x 11 x 6 3/4 |
| BATTERY CHARGER "B3" | 3 step charger with automatic conditioning; Temperature compensated output voltage; selectable between wet and sealed lead acid batteries; selectable between small and large battery banks |
| Output Current (Amps DC) | 55 |
| Input Current (Amps AC) | Up to 13 |
| TRANSFER RELAY "T" | Automatic fail-safe shore power transfer |
| Current Rating (Amps AC) | 30 |
| Transfer Time (milliseconds) | Less than 16 typical |

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

Warranty: Full year parts and factory labor