

Pure Sine Wave Power Inverters

Power inverters have become a staple in businesses and homes around the world due to intermittent brown and black-outs. AIMS Pure Sine Wave Power Inverters provide reliable transformation of DC power from a battery (such as the one in a car or RV) into AC power that can then be used to run lights, computers, printers, televisions, medical equipment* and a broad range of appliances. And when it comes to selecting an inverter, it's helpful to know that AIMS Pure Sine Wave inverters represent the most technologically advanced and diverse inverters on the market to help ensure the widest use of applications. For over a decade, the AIMS' Power Pure Sine Wave Power Inverters has consistently delivered the broadest range of sizes to accommodate virtually every power requirement.



Modified Wave Power Inverters

Modified Sine Wave Power Inverters represent the most economical solution for powering a large number of appliances. The waveform produced by a Modified Sine Wave Power Inverter is "blocky," resembling a set of steps, whereas the waveform produced by utility companies is smooth, much like a curvy road. Therefore, because of the type of waveform the Modified Sine Wave Power Inverters produce, they are suitable for most applications. Modified Sine Wave Power Inverters are more efficient in converting battery power to AC. So if you're looking to make a pot of coffee, run a heater or air conditioner, or appliances that can withstand occasional electrical noise, a Modified Sine Wave Inverter is a cost-effective solution.

To select the right inverter, first determine what devices you would need to run in the event of a power outage. Then, select the appropriate inverter that can carry the combined wattage requirements of these devices. At AIMS, you'll discover our inverters range from 75 watts up to 8000 watts – more than enough to power nearly every application imaginable.



Features:

- Replaceable fuses
- Larger range of dc input voltages before shutdown
- Thermal fans on most models
- Failures do not cause permanent damage
- LED, bar graphs or 7-segment displays
- Higher surges than most competitors
- Advanced factory testing and continuous design improvements
- Smaller and lighter case design
- Warning buzzers on all models
- Higher efficiencies
- Precise frequencies and lower voltage fluctuations
- DC cable thumb knobs for easy install on most models
- Isolated input-output on most models
- Direct connect ac terminal block on larger models
- Free and concise technical support
- Fair and easy warranty policy
- Constant reliability improvements
- Safety protections include: high voltage, low voltage, over temperature, over load and short circuit



AIMS Power Product Line

| MODEL NUMBER | PRODUCT DESCRIPTION |
|--------------|---------------------|
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PURE SINE INVERTERS

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|-------------|----------------------------|
| PWR18012S | 180W / 400W Surge |
| PWR130012S | 300W / 1000W Surge |
| PWR160012S | 600W / 1200W Surge |
| PWR1100012S | 1000W / 3000W Surge |
| PWR1150012S | 1500W / 4500 W Surge |
| PWR1150024S | 1500W, 24Vdc, 3000 W Surge |
| PWR1200012S | 2000W / 5000 Surge |
| PWR1300012S | 3000W / 6000W surge |

MODIFIED SINE INVERTERS

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| PWRINV75R | 75W / 150W Surge |
| PWRSLM120 | 120W / 300W Surge Ultra Slim |
| PWRCUP120 | 120W / 300W Surge Can Style |
| PWRCUP150CG | 150W / 300W Surge USB Port-Includes AA Charger & Four AA Batteries |
| PWRINV150W | 150W / 300W Surge |
| PWRINV400W | 400W / 1200W Surge |
| PWRINV800W | 800W / 2000W Surge |
| PWRINV1250W | 1250W / 3100W Surge |
| PWRIC1500W | 1500W / 2500W Surge |
| PWRINV1800W | 1800W / 4000W Surge, Isolated ground-neutral |
| PWRINV2500W | 2500W / 5000W Surge, Isolated ground-neutral |
| PWRINV2.5K24 | 2500W / 5000W Surge, 24Vdc, Isolated ground-neutral |
| PWR13K22050 | 3000W / 5000W Surge, 50Hz, 220V |
| PWR13K24012W | 3000W / 5000W Surge, 60Hz, 240V |
| PWRINV5000W | 5000W / 10,000W Surge, Isolated ground-neutral |
| PWRINV5K24W | 5000W / 10,000W Surge, 24Vdc, Isolated ground-neutral |
| PWRINV8KW12V | 8000W / 12,000W Surge, Isolated ground-neutral |

PWRIEMPWR Remote on-off switch

MODIFIED SINE INVERTERS- INDUSTRIAL GRADE

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| PWRIG700024024 | 7000W / 14,000W continuous for 9 seconds, 24Vdc, 240Vac, 60Hz, Isolated ground-neutral |
| PWRIG700024W | 7000W / 14,000W for 9 seconds, 48Vdc, 120Vac, 60Hz, Isolated ground-neutral |
| PWRIG700048W | 7000W / 14,000W for 9 seconds, 24Vdc, 120Vac, 60Hz, Isolated ground-neutral |

TRANSFER SWITCH

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| PWR3AXFER30 | 30 Amps max, 12 & 24Vdc |
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EMERGENCY PRODUCTS

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| SPOT25RPCAM Spotlight | 25W, 6.5Ah bat, up to 5 hrs, 3 brightness settings |
| EMJSCP Jump Starter | 150A, 12amp battery, Blinker light, 260PSI Air Compressor, Spotlight |
| EMJSCPINV Jump Starter | 400A, 17amp battery, Blinker light, 260PSI Air Compressor, Spotlight, Low power flourescent light, 150 watt inverter |

CUSTOM CUT CABLES

4 AWG, 1 AWT, 4 AWT with or without lugs and alligator clips