

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 have consistently delivered the broadest range of sizes to accommodate virtually every power requirement.



Modified Sine 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 15,000 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
- Isolated ground-neutral on most models



AIMS Power Product Line

PURE SINE INVERTERS

PWRI18012S	180W / 400W Surge - ETL Certified to UL 458
PWRI30012S	300W / 600W Surge
PWRI30024S	300W, 24Vdc, 600W Surge
PWRI30012240S	300W, 12Vdc, 240Vac / 600W Surge
PWRI60012S	600W / 1200W Surge
PWRI100012S	1000W / 3000W Surge
PWRI150012S	1500W / 4500 W Surge - ETL Certified to UL 458
PWRI150024S	1500W, 24Vdc, 3000 W Surge
PWRI150048S	1500W, 48Vdc, 3000 W Surge
PWRI200012S	2000W / 5000 Surge
PWRI300012S	3000W / 6000W surge
PWRI300024S	24Vdc, 3000W / 6000W surge
PWRI500012S	5000W / 8000W surge
PWRI10K24VSPLIT	Split phase 10KW, 24Vdc, 240/120 Vac
PWRI12KW24V3P208	3 Phase, 24Vdc, 12KW, 208Vac
PWRI15KW24V3P420	3 Phase, 24Vdc, 12KW, 420Vac

MODIFIED SINE INVERTERS

PWRINV75R	75W / 150W Surge
PWRSLM120	120W / 300W Surge Ultra Slim
PWRCUP120	120W / 300W Surge Can Style
PWRINV150W	150W / 300W Surge
PWRINV400W	400W / 1200W Surge
PWRINV800W	800W / 2000W Surge
PWRINV1250W	1250W / 3100W Surge
PWRINV1800W	1800W / 4000W Surge
PWRINV2500W	2500W / 5000W Surge
PWRINV2.5K24	2500W / 5000W Surge, 24Vdc
PWRI3K22050	3000W / 5000W Surge, 50Hz, 220V
PWRI3K24012W	3000W / 5000W Surge, 60Hz, 240V
PWRINV500012W	5000W / 10,000W Surge, Compact Size
PWRINV5K24W	5000W / 10,000W Surge, 24Vdc
PWRINV8KW	12V 8000W / 12,000W Surge
PWRIEMPWR	Remote on-off switch

INVERTER / CHARGERS

PWRIC1500W	1500W / 2500W Surge with 3 amp charger - Modified Sine
PWRIC150012S	1500W / 3000W Surge with 10 amp charger - PURE SINE
PWRIC300012W	3000W / 6000W Surge with 30 amp charger - Modified Sine

MODIFIED SINE INVERTERS- INDUSTRIAL GRADE

PWRIG300012W	3000W / 6000W continuous for 9 seconds, 12Vdc, 120Vac, 60Hz
PWRIG500012W	5000W / 10,000W continuous for 9 seconds, 12Vdc, 120Vac, 60Hz
PWRIG700024024	7000W / 14,000W continuous for 9 seconds, 24Vdc, 240Vac, 60Hz
PWRIG700024W	7000W / 14,000W for 9 seconds, 48Vdc, 120Vac, 60Hz
PWRIG700048W	7000W / 14,000W for 9 seconds, 24Vdc, 120Vac, 60Hz

TRANSFER SWITCH

PWR3AXFER30	30 Amps max, 12 & 24Vdc, 110V and 220Vac
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CUSTOM CUT CABLES

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

ACCESSORIES

PWRSCC12V30A	Solar Charge Controller 30amp, 12Vdc
PWRIEMPWR-250	Remote Switch - Works with all 5000 watt modified inverters, 8000 watt modified, 1500 and 3000 watt modified with built in charger
PWRIEMPWRBLACK	Remote Switch - Works with 1250, 1800, 2500 watt modified inverters, 3000 watt modified 220V and 240V inverters