

Inverters

AIMS Power, manufacturer of industrial-grade inverters that can power many kinds of equipment, machinery, appliances and electronic devices. AIMS offers the largest inverter selection from modified sine power inverters to pure sine power inverters and inverter chargers, including devices that are made to be used overseas. Voltages available in 12-, 24-, 36- and 48-volt DC inputs from 100 watts up to 12,000 watts.

FEATURES:

- High and voltage protections
- Short circuit safety
- Over temperature safe
- Overload shut down
- Auto reset on most faults
- Hardwire AC terminal (select models)
- Optimal cooling fans
- Internal fuse protected
- LED indicators
- Display and meters for monitoring (select models)
- Optional remote switch

Modified Sine Inverters

INVERTER DESCRIPTION	MODEL #	Vin/Vout/Freq
100 Watt Inverter with USB Port	PWRINV100W	12 VDC 120 VAC 60Hz
120 Watt Power Inverter	PWRUCUP120	12 VDC 120 VAC 60Hz
150 Watt Power Inverter with 2 USB Ports	PWRINV150W	12 VDC 120 VAC 60Hz
250 Watt Power Inverter with USB Port	PWRINV250W	12 VDC 120 VAC 60Hz
400 Watt Power Inverter	PWRINV400W	12 VDC 120 VAC 60Hz
800 Watt Power Inverter	PWRINV800W	12 VDC 120 VAC 60Hz
1000 Watt Value Power Inverter	PWRB1000	12 VDC 120 VAC 60Hz
1250 Watt Value Power Inverter	PWRB1250	12 VDC 120 VAC 60Hz
1250 Watt Power Inverter	PWRINV1250W	12 VDC 120 VAC 60Hz
1500 Watt Inverter + Charger + Transfer Switch	PWRIC1500W	12 VDC 120 VAC 60Hz
2000 Watt Power Inverter - Compact	PWRINV200012W	12 VDC 120 VAC 60Hz
2000 Watt ETL Listed to UL458 Power Inverter	PWRINV200012120W	12 VDC 120 VAC 60Hz
2500 Watt Power Inverter	PWRINV250012W	12 VDC 120 VAC 60Hz
2500 Watt Value Power Inverter	PWRB2500	12 VDC 120 VAC 60Hz
2500 Watt Power Inverter	PWRINV250024W	24 VDC 120 VAC 60Hz
3000 Watt ETL Listed to UL458 Power Inverter	PWRINV300012120W	12 VDC 120 VAC 60Hz
3600 Watt ETL Listed to UL458 Power Inverter	PWRINV360012120W	12 VDC 120 VAC 60Hz
5000 Watt Power Inverter	PWRINV500012W	12 VDC 120 VAC 60Hz
5000 Watt Power Inverter	PWRINV5K24012W	12 VDC 240 VAC 60Hz
5000 Watt Power Inverter	PWRINV500024W	24 VDC 120 VAC 60Hz
5000 Watt Power Inverter	PWRINV500036W	36 VDC 120 VAC 60Hz
5000 Watt Power Inverter	PWRINV500048W	48 VDC 120 VAC 60Hz
7000 Watt Power Inverter - Industrial Grade	PWRIG700024024	24 VDC 240 VAC 50/60Hz
7000 Watt Power Inverter - Industrial Grade	PWRIG700024048	48 VDC 240 VAC 50/60Hz
8000 Watt Power Inverter	PWRINV8KW12V	12 VDC 120 VAC 60Hz
10,000 Watt Power Inverter	PWRINV10KW12V	12 VDC 120 VAC 60Hz
12,000 Watt Power Inverter	PWRINV12KW24V	24 VDC 120 VAC 60Hz



Pure Sine Inverters

INVERTER DESCRIPTION	MODEL #	VOLTAGE
180 Watt Pure Sine Power Inverter w/ USB Port	PWRI18012S	12 VDC 120 VAC 60Hz
300 Watt Pure Sine Power Inverter w/ USB Port	PWRI30012S	12 VDC 120 VAC 60Hz
300 Watt Pure Sine Inverter w/ USB Port	PWRI30012240S	12 VDC 240 VAC 60Hz
300 Watt Pure Sine Power Inverter w/ USB Port	PWRI30024S	24 VDC 120 VAC 60Hz
1200 Watt Pure Sine With Transfer Switch - Hardwire	PWRIX120012S	12 VDC 120 VAC 60Hz
1200 Watt Pure Sine With Transfer Switch & Extension Cord	PWRIX120012SC	12 VDC 120 VAC 60Hz
1500 Watt Pure Sine Power Inverter w/ USB & Remote Port	PWRI150024S	24 VDC 120 VAC 60Hz
2000 Watt Pure Sine Power Inverter - Industrial Grade	PWRIG200012120S	12 VDC 120 VAC 50/60Hz
3000 Watt Pure Sine Power Inverter - Industrial Grade	PWRIG300012120S	12 VDC 120 VAC 50/60Hz
3000 Watt Pure Sine Power Inverter - Industrial Grade	PWRIG300024120S	24 VDC 120 VAC 50/60Hz
5000 Watt Pure Sine Power Inverter - Industrial Grade	PWRIG500024120S	24 VDC 120 VAC 50/60Hz
5000 Watt Pure Sine Power Inverter - Industrial Grade	PWRIG500012120S	12 VDC 120 VAC 50/60Hz
1500 Watt Pure Sine Inverter w/USB & Remote Port	PWRI150048S	48 VDC 120 VAC 60Hz
5000 Watt Pure Sine Inverter	PWRIG500048120S	48 VDC 120 VAC 50/60Hz
LISTED TO UL & CSA STANDARDS	MODEL #	VOLTAGE
600 Watt Pure Sine Power Inverter w/ USB & Remote Port	PWRI60012S	12 VDC 120 VAC 60Hz
1000 Watt Pure Sine Power Inverter w/ USB & Remote Port	PWRI100012S	12 VDC 120 VAC 60Hz
1500 Watt Pure Sine Power Inverter w/ USB & Remote Port	PWRI150012S	12 VDC 120 VAC 60Hz
2000 Watt Pure Sine Inverter w/ USB & Remote Port	PWRI200012120S	12 VDC 120 VAC 60Hz
3000 Watt Pure Sine Inverter w/ USB & Remote Port	PWRI300012120S	12 VDC 120 VAC 60Hz
1200 Watt Pure Sine Power Inverter w/transfer switch hardwire	PWRIX120012SUL	12 VDC to 120 VAC 60HZ
2000 Watt Pure Sine Power Inverter w/transfer switch hardwire	PWRIX200012SUL	12 VDC to 120 VAC 60HZ

Pure Sine Inverter Chargers

INVERTER CHARGER DESCRIPTION	MODEL #	Vin/Vout/FREQ
1000 Watt Pure Sine Inverter Charger - compact	PIC100012120S	12 VDC 120 VAC 60Hz
1000 Watt Pure Sine Inverter Charger	PICGLF10W12V120VR	12 VDC 120 VAC 50/60Hz
1500 Watt Pure Sine Inverter Charger	PICGLF15W12V120VR	12 VDC 120 VAC 50/60Hz
2000 Watt Pure Sine Inverter Charger	PICGLF20W12V120VR	12 VDC 120 VAC 50/60Hz
2000 Watt Pure Sine Inverter Charger	PICGLF20W24V120VR	24 VDC 120 VAC 50/60Hz
2000 Watt Pure Sine Inverter Charger	PICGLF20W48V120VR	48 VDC 120 VAC 50/60Hz
3000 Watt Pure Sine Inverter Charger	PICGLF30W12V120VR	12 VDC 120 VAC 50/60Hz
3000 Watt Pure Sine Inverter Charger	PICGLF30W24V120VR	24 VDC 120 VAC 50/60Hz
4000 Watt Pure Sine Inverter Charger	PICGLF40W12V120V	12 VDC 120 VAC 50/60Hz
4000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF40W12V240VS	12 VDC 120/240 VAC 50/60Hz
4000 Watt Pure Sine Inverter Charger	PICGLF40W24V120V	24 VDC 120 VAC 50/60Hz
6000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF60W24V240VS	24 VDC 120/240 VAC 50/60Hz
6000 Watt Pure Sine Inverter Charger 120 VAC	PICGLF60W48V120V	48 VDC 120 VAC 50/60Hz
10,000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF10KW48V240VS	48 VDC 120/240 VAC 50/60Hz

LISTED TO UL & CSA STANDARDS	MODEL #	Vin/Vout/FREQ
600 Watt Pure Sine Inverter Charger	PICGLF6W12V120VETL	12 VDC 120 VAC 50/60Hz
1000 Watt Pure Sine Inverter Charger	PICGLF10W12V120V	12 VDC 120 VAC 50/60Hz
1500 Watt Pure Sine Inverter Charger	PICGLF15W12V120V	12 VDC 120 VAC 50/60Hz
2000 Watt Pure Sine Inverter Charger	PICGLF20W12V120V	12 VDC 120 VAC 50/60Hz
3000 Watt Pure Sine Inverter Charger	PICGLF30W12V120V	12 VDC 120 VAC 50/60Hz
4000 Watt Pure Sine Inverter Charger	PICGLF4024120UL	24 VDC 120 VAC 50/60Hz
4000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF4024240SUL	24 VDC 120/240 VAC 50/60Hz
6000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF6024120UL	24 VDC 120 VAC 50/60Hz
6000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF6024240SUL	24 VDC 120 VAC 50/60Hz
8000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF80W48V240VS	48 VDC 120/240 VAC 50/60Hz
12,000 Watt Pure Sine Inverter Charger 120/240 VAC	PICGLF120W48V240VS	48 VDC 120/240 VAC 50/60Hz
384VDC + 600VDC 80kW -200kW	custom order	



Your complete source for off grid & back up power solutions.

AIMS Power is a complete provider of DC to AC inverters, inverter chargers, solar panels, deep-cycle batteries, generators, cables, and related green energy products in the United States and throughout the world.

Our mission is to lead the inverter industry in design and development by providing the highest quality products possible in the world of off-grid and renewable energy, and back that up with the best customer service and tech support in the business.



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POWER
TO YOU



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Batteries

AIMS Power offers high-quality batteries for independent powering purposes. Whether you're setting up a massive home solar system or need reliable off-grid power in your car, our selection includes a battery to suit the job at hand. Highly efficient, low-maintenance batteries that have been specifically designed for use in boats, RVs, commercial vehicles, off-grid power systems and stored power applications.



DEEP CYCLE BATTERIES	MODEL #
AGM 6V 225 AMP Golf Cart	AGM6V225A
AGM 12V 100 AMP Group 27	AGM12V100A
AGM 12V 200 AMP Group 4D	AGM12V200A
Lithium Iron Phosphate LiFePO4 12V 50 AMP	LFP12V50A
Lithium Iron Phosphate LiFePO4 12V 100 AMP	LFP12V100A
Lithium Iron Phosphate LiFePO4 12V 200 AMP	LFP12V200A
Lithium Iron Phosphate LiFePO4 24V 300 AMP	LFP24V300A
Lithium Iron Phosphate LiFePO4 48V 150 AMP	LFP48V150A

Generators

Get clean, quiet, reliable and economical electric power with the portable gasoline-powered inverter generators from AIMS Power. Available in 800, 2,100, 3,200, 6,000 Watt models, these generators are ultra-quiet, so they won't irritate you, your family or neighbors. They are also CARB-compliant, which means they are low-emission and adhere to the California Air Resources Board's strict air pollution rules.



PORTABLE INVERTER GENERATORS	MODEL #
800 Watt 120V 12DC CARB Compliant	GEN800W120V
2100 Watt 120V 12DC CARB Compliant	GEN2100W120V
3200 Watt 120V 12DC CARB Compliant	GEN3200W120V
6000 Watt 120V 12DC CARB Compliant	GEN6000W120V

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Cables

In order to get most out of your power system, you need good cables to connect everything together. AIMS Power has a large selection of UL listed electronic cables that will carry power for your inverter. May be ordered with bare ends or pre-terminated with lugs.



CABLE AWG SIZE	Max Amps
10	Solar Panels/Arrays
8	Up to 87 DC amps
6	Up to 118 DC amps
4	Up to 157 DC amps
2	Up to 213 DC amps
1	Up to 246 DC amps
1/0	Up to 291 DC amps
2/0	Up to 336 DC amps
3/0	Up to 392 DC amps
4/0	Up to 454 DC amps
PV Wire	10 AWG
*Custom lengths available	

Inline Fuses

AIMS stocks a full collection of inline fuses for your inverter setup. These add-ons are a simple way to protect batteries from overheating and ground fault fires.



FUSE SIZE	Fuse Kits	Part #
80	Fuse & Holder	ANL80KIT
100	Fuse & Holder	ANL100KIT
150	Fuse & Holder	ANL150KIT
200	Fuse & Holder	ANL200KIT
300	Fuse & Holder	ANL300KIT
500	Fuse & Holder	ANL500KIT

Solar Kits

If you are looking for a complete off grid or back up solar power solution, then we highly recommend starting with one of our cutting-edge solar power kits. Finding the right equipment pairings can be time-consuming and, quite frankly, confusing, but these kits offer a better and more comprehensive alternative. Our kits come with excellent warranties and technical support.



Charge Controllers

The solar battery charge controller by AIMS Power features an automatic smart tracking algorithm using MPPT charging technology and has less power loss performing at 97.5-99% efficiency, maximizing energy harvest. The AIMS charge controller includes LED indicators to show charging status and faults. An LCD displays key information such as battery voltage, solar panel voltage, solar panel charging current and charge mode.



SOLAR CHARGE CONTROLLER DESCRIPTION	MODEL #
10 AMP PWM 12V/24V USB/ Adjustable Charging Settings	SCC10
30 AMP PWM 12V/24V Economical	SCC30A
30 AMP MPPT 12/24/36/48V Adjustable Charging Settings Stackable	SCC30AMPPT
40 AMP MPPT 12/24/36/48V Adjustable Charging Settings Stackable	SCC40AMPPT
60 AMP MPPT 12/24/36/48V Adjustable Charging Settings Stackable	SCC60AMPPT
80 AMP MPPT 12/24/36/48V Adjustable Charging Settings Stackable	SCC80AMPPT
100 AMP MPPT 12/24/36/48V Adjustable Charging Settings Stackable	SCC100AMPPT

*100 AMP PWM for 384VDC only

Solar Panels

Our 60- to 275-watt solar panels are made of advanced monocrystalline or polycrystalline material for efficient energy harvest. Our portable, foldable and flexible solar panels are generally made of monocrystalline and are water-resistant so you can take them anywhere, while our stationary solar panels are made of long-lasting polycrystalline and have tempered glass covers to protect the panels from inclement weather.



SOLAR PANEL DESCRIPTION	MODEL #
60 Watt Flexible Panel Mono	PV60SLIM
60 Watt Portable w/ Built-in case and Wire Panel Mono	PV60CASE
120 Watt Flexible Panel Mono	PV120SLIM
120 Watt Portable Panel Mono w/ Built-in case and Wire Panel Mono	PV120CASE
120 Watt Aluminum Frame Poly	PV120POLY
275 Watt Aluminum Frame Poly	PV275POLY
*NEW SIZES RELEASED MONTHLY	CALL

Accessories

AIMS Power has everything you need to complete your solar setup, with UL listed solar PV wire, combiner boxes, solar panel connectors and racks so you can use to make installation a bit simpler.



SOLAR ACCESSORIES	MODEL #
PV DC Quick Disconnect Switch 1000V 64A	DC1600V32A2IO
Combiner Box Prewired 3 String 60A 200Vdc 10KW	COM3IN60A
Combiner Box Prewired 6 String 120A 200Vdc 20KW	COM6IN120A
Ground Mount Rack for 120-170 Watt Panels	PV120RACK
Ground Mount Rack for 250-310 Watt Panels	PV250RACK
Single Pole Mount Rack for 250-330 Watt Panels	PV250POLE
MC4 Connectors Male & Female 3 to 1 and 2 to 1	MC4F & MC4M
Branch Connectors MMF & FFM Pair	PVBRANCHPR
*PV Wire - extenders, bulk and custom lengths available	