

**3000 WATT
6000 WATT PEAK**



Thor Inverters

Thor inverters have set the standard with the way you deal with your mobile power needs, providing AC electricity. A power inverter converts the DC electricity from batteries into everyday AC power. With a Thor inverter you won't need to rely on DC-powered electronics or a generator to have power for tools, electronics, or any AC power needs.

Thor inverters are efficient and dependable and come in numerous sizes and power ranges to meet your mobile power demands. We offer lightweight, compact models designed for smaller AC demands such as laptops, cellular phones, PDA's and higher powered models that yield enough power for larger vehicles such as utility & work trucks, RV's, boats, & renewable energy applications.

Design Features

- ❖ Illuminating LED bar graphics indicate input voltage and input current
- ❖ Thermo controlled cooling fan
- ❖ Low input voltage warning alarm
- ❖ Optional remote On/Off operation with Thor TH001 remote control (sold separately)
- ❖ Protections: high/low voltage, over temperature and over load shut down
- ❖ Portable power for AC products: 1000, 1500, 2000 and 3000 watt models available
- ❖ Three GFCI AC receptacles for connecting multiple loads
- ❖ High surge capacity for products that require more power to start
- ❖ High efficiency - converts virtually all the battery's available power to AC
- ❖ Mounting brackets for convenient installation
- ❖ Heavy duty stud connectors
- ❖ 500 mA USB charging port



1000 WATT - 2000 WATT PEAK



1500 WATT - 3000 WATT PEAK



2000 WATT - 4000 WATT PEAK



TH001- Optional On/Off remote switch 20 foot length

Applications

- ❖ RVs and Campers
- ❖ Long Haul Trucks
- ❖ Boats
- ❖ Mobile Office
- ❖ Service Vehicles
- ❖ Emergency Back-up Power
- ❖ Utility Trucks

Model	TH1000	TH1500	TH2000	TH3000
Continuous Output Power	1000W	1500W	2000W	3000W
Peak Output Power	2000W	3000W	4000W	6000W
No load current (DC input static current)	<1 Amp	<1 Amp	<1 Amp	<1 Amp
DC input over load current	100-160Amp	145-175Amp	200-320Amp	260-330Amp
AC output wave form	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave
Input voltage range	11 - 16.0V	11 - 16.0V	11 - 16.0V	11 - 16.0V
High voltage cut-off level	>16.0 V \pm 0.5V	>16.0 V \pm 0.5V	>16.0 V \pm 0.5V	>16.0 V \pm 0.5V
Low voltage alarm	10V-11V	10V-11V	10V-11V	10V-11V
Low voltage cut-off level	9.5-10.5V	9.5-10.5V	9.5-10.5V	9.5-10.5V
Output AC voltage	115V \pm -10%	115V \pm -10%	115V \pm -10%	115V \pm -10%
Output frequency level	60 \pm 3Hz	60 \pm 3Hz	60 \pm 3Hz	60 \pm 3Hz
Over load power range	1000W \pm 5%-25%	1500W \pm 5%-25%	2000W \pm 5%-25%	3000W \pm 5%-25%
Temperature protection	\leq 65 $^{\circ}$ C	\leq 65 $^{\circ}$ C	\leq 65 $^{\circ}$ C	\leq 65 $^{\circ}$ C
Full load efficiency	\geq 85%	\geq 85%	\geq 85%	\geq 85%
AC output short circuit protection	system shut down (no damage)	system shut down (no damage)	system shut down (no damage)	system shut down (no damage)
Fan Run	\geq 45 $^{\circ}$ C	\geq 45 $^{\circ}$ C	\geq 45 $^{\circ}$ C	\geq 45 $^{\circ}$ C
LED indicate	normal:Green fault:Red	normal:Green fault:Red	normal:Green fault:Red	normal:Green fault:Red
USB port output	5V \pm 5%, 500mA	5V \pm 5%, 500mA	5V \pm 5%, 500mA	5V \pm 5%, 500mA
FUSE	35A \times 4PCS	30A \times 6PCS	35A \times 8PCS	40A \times 8PCS
Unit dimension (L*W*H)	7.16*7.67*3.34"	9.1*7.67*3.34"	13.77*7.67*3.34"	17.32*7.67*3.34"
Unit weight (Net)	5.3lbs	6.9lbs	9.6lbs	12.2lbs