

**PW Series** <sup>®</sup>  
Professional Grade Power Inverter  
Portable Power Inverters



## THPW1000

1000 WATT – 2000 WATT PEAK

### Other Models



**THPW600**  
600 WATT  
1200 WATT PEAK



**THPW1500**  
1500 WATT  
3000 WATT PEAK



**THPW2000**  
2000 WATT  
4000 WATT PEAK



**THPW3000**  
3000 WATT  
6000 WATT PEAK

## THPW Series

THOR Manufacturing Pure Sine Wave 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 Manufacturing 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 Manufacturing Pure Sine Wave inverters are efficient and dependable and come in numerous sizes and power ranges to meet your mobile power demands. We offer compact, higher powered models that yield enough power for larger vehicles such as utility & work trucks, RV's, boats, & renewable energy applications.

### Design Features

- Easy to read error codes
- GFCI outlet
- Hardwire option for loads larger than 15 Amps
- On/Off remote control port
- Digital volt meter and wattage usage
- High surge capability
- Thermo controlled fan
- Compact, lightweight, & portable
- USB port 2.1 Amp for tablet and smart devices
- Additional mounting feet for easy installation

### New Error Code Display



OVERLOAD SHUTDOWN

### Hard Wire Block





	MODEL	THPW600	THPW1000	THPW1500	THPW2000	THPW3000	THPW5000
INPUT	Nominal DC Inout Voltage	12 VDC					
	DC Input Voltage range	10.7 - 16.5 Vdc					
	Maximum Input Current	118	180	270	360	540	899
	DC Input Current AT LOAD	59	99	149	198	297	453
	DC Input Connections	Bolt Down Lugs	Bolt Down Lugs	Nut & Bolt M9	Nut & Bolt M9	Nut & Bolt M9	Nut & Bolt M9
OUTPUT	Output Voltage	Output Voltage Selectable 110Vac or 120Vac					
	Maximum Output Current	6 Amps	10 Amps	15 Amps	20 Amps	30 Amps	50 Amps
	Output Frequency	60 Hz ± 1 %					
	Type Of Wave Form	Pure Sine Wave					
	Total Harmonic Distortion	THD <3%					
	Maximum Output power (10 Min)	660 Watts	1100 Watts	1650 Watts	2200 Watts	3300 Watts	5500 Watts
	Continouse Output Power	600 Watts	1000 Watts	1500 Watts	2000 Watts	3000 Watts	5000 Watts
	Surge Output Power	1200 Watts	2000 Watts	3000 Watts	4000 Watts	6000 Watts	10000 Watts
	Peak Efficiency	85 - 90%					
	USB Charging Port	(1) 5V - 2.1A					
	AC Output Connection	NEMA5-20R GFCI Duplex Outlets					
	Terminal Block for Hardwiring	Yes					
DISPLAY	Display	Digital Display With Error Codes					
	Low Input Voltage	E01					
	High Input Voltage	E02					
	Overload Shut Down	E03					
	Over Temperature	E04					
	Ground Fault Protection	E05					
PROTECTION	Low Input Voltage Alarm	10.7V ±0.1V					
	Low DC Input Voltage Shutdown	10V ± 0.1V Auto-reset: 11.5V ± 0.3V					
	High DC Input Voltage Shutdown	>14.5V Auto-reset: <14.5V					
	Short Circuit Shutdown	When Output Voltage Drops Below 80VAC or Lower for 1 to 1.5 sec					
	Overload Shut Down	Overload of 110% to 115% for 2 to 2.5 sec					
	Ground Fault Shutdown	Intergrated GFCI Circuit ( 4- 6 mA Leakage )					
	Over Temperature Protection	90°C ± 5°C (Sensed At output) Auto reset at 65C ± 5° C					
	Reverse Polarity Protection	Internal DC Fuses will open					
	Cooling	Temperature Controlled Fan / Load Controlled Fans 45 Watts					
REMOTES SOLD SEPERATLY	TH-IBS	Inverter Bypass Switch					
	TH002	Basic On/ Off Remote With Bi-Color Illiminating Ring					
	TH-IRC	Remote with Digital Display, 1 AC outlet, 1 USB charging port					
	TH-IR	Remote with Digital Display					
	Dimensions	7.5L X 8.5W X 3.34H"	11.45L X 8.5W X 3.34H"	12.99L X 8.5W X 3.34H"	16.92L x 8.5W x 3.34H"	18.50L x 8.5W x 3.42H"	20.37L x 8.5W x 6.53H"
	Weight	4.7Lbs	10Lbs	11Lbs	14.75Lbs	17.25Lbs	25.5Lbs
	UPC CODE	853003006512	853003006490	853003006544	853003006506	853003006513	TBD
	Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year