

PPI Series™
Portable Power Inverter
Portable Power Inverters



THMS800-PPI

800 WATT – 1600 WATT PEAK

**Optional TH-RC with Error Code Display



TH100-PPI

100 WATT
200 WATT PEAK



TH200-PPI

200 WATT
400 WATT PEAK



THPW300-PPI

300 WATT
600 WATT PEAK
PURE SINE WAVE



THMS500-PPI

500 WATT
1000 WATT PEAK

TH & THMS-PPI Series

THOR Manufacturing Modified and 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 TH & THMS Series Modified and Pure Sine Wave 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

- High surge capability
- AC receptacles for connecting multiple loads
- Thermo controlled fan
- On/Off Switch to conserve power
- Compact, lightweight, & portable
- USB port for charging tablet and smart devices

Applications

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

	MODEL	TH100-PPI	TH200-PPI	THPW300-PPI	THMS500-PPI	THMS800-PPI
INPUT	Nominal DC Inout Voltage	12 VDC				
	DC Input Voltage range	10.7 - 16.5 Vdc				
	Maximum Continuous Input Current	9A	18A	54A	49A	79A
	DC Input Connections	Male Accessory Plug			Nut & Bolt	Nut & Bolt
OUTPUT	Output Voltage	120 VAC				
	Maximum Output Current	.90 A	1.81 A		4.5 A	7.3 A
	Output Frequency	60 Hz ± 1 %				
	Type Of Wave Form	Modified Sine Wave	Modified Sine Wave	Pure Sine Wave	Modified Sine Wave	Modified Sine Wave
	Continuous Output Power	100	200	300	500	800
	Max Output for 10 Min - 10% over inverters rated continuous wattage	n/a	n/a	n/a	550	880
	Surge Output Power	200	400	600	1000	1600
	Peak Efficiency	85 - 90%				
	USB Charging Port	(1) 5V - 2.1A	(1) 5V - 2.1A (1) 5V - 1A	(1) 5V - 2.1A (1) 5V - 1A	(2) 5V - 2.1A	(2) 5V - 2.1A
	AC Output Connection	1 x NEMA5-15R Outlets	2 x NEMA5-15R Outlets	2 x NEMA5-15R Outlets	2 x NEMA5-15R Outlets	2 x NEMA5-15R Outlets
	Terminal Block for Hardwiring	No				
DISPLAY	Display	2 LED Display (Green Power On, Red Fault Condition)				
	Low Input Voltage	RED LED	RED LED	RED LED	RED LED	RED LED
	High Input Voltage	RED LED	RED LED	RED LED	RED LED	RED LED
	Overload Shut Down	RED LED	RED LED	RED LED	RED LED	RED LED
	Over Temperature	RED LED	RED LED	RED LED	RED LED	RED LED
	Ground Fault Protection	RED LED	RED LED	RED LED	RED LED	RED LED
PROTECTION	Low Input Voltage Alarm	10.7V ±0.1V	10.7V ±0.1V	10.7V ±0.1V	10.7V ±0.1V	10.7V ±0.1V
	Low DC Input Voltage Shutdown	10V ± 0.1V Auto-reset: 11.5V ± 0.3V				
	High DC Input Voltage Shutdown	>16.5V Auto-reset: <16.5V				
	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 65°C ± 5° C				
	Reverse Polarity Protection	Internal DC Fuses will open				
	Cooling	Temperature Controlled Fan / Load Controlled Fans 45 Watts				
REMOTES SOLD SEPERATLY	TH-002	On/ Off Remote With Bi-Color Illuminating Ring *For TH-500 & 800- PPI				
	TH-RC	On/off Remote with Digital Display *For TH-500 & 800- PP				
	Dimensions	5.75L x 3.90W x 1.4"H	4.5L x 6.0W x 2"H	7L x 4.5W x 2"H	7.8L X W 4.87W X 2.63"H	10.47L x 6.6W x 2.63"H
	Weight	1.5 Lbs	1.6 Lbs	1.76 Lbs	2.5 Lbs	4.1 Lbs
	UPC CODE	853003006339	853003006322	0852090008	852090008325	852090008332
	Warranty	1 Year	1 Year	1 Year	1 Year	1 Year