

# DC/AC Inverter

1000~3000W True Sine Wave





**TS-1000**  
345x 184x 70 mm



**TS-1500**  
420x 220x 88 mm



**TS-3000**  
466.8x 283.5x 100 mm

**NEW**

**Inverter Remote Control**



▲ IRC1



▲ IRC2

75x 55x 21 mm

**Description:**

IRC1/IRC2 is the monitoring and control unit used for the inverter series. It can decode the RS-232 signal sent by inverter series and display through digital meters. IRC1/IRC2 can also turn ON/OFF of inverter remotely that make the basic control more easily.

## Features

- True sine wave output (THD<3%)
- 2 times high surge power for motor related application
- Advanced digital control by microprocessor
- High efficiency up to 92%
- Conformal coating
- Standby saving mode to conserve energy
- Built-in fan ON/OFF control function
- Output voltage / frequency adjustable
- Front panel indicator for load / battery / operation status
- High frequency design
- Input protections:  
Bat. low alarm / Bat. low shutdown / reverse polarity / over voltage
- Output protections:  
Short circuit / Overload / Over temperature
- Applications:  
Home appliance, power tools, office and portable equipment, vehicle and yacht...etc.
- 3 years warranty

## General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Model Name	TS-1000	TS-1500	TS-3000 <b>NEW</b>
Rated output power	1000W	1500W	3000W
Maximum output power	1150W for 3 minutes; 1500W for 10 sec.	1725W for 3 minutes ; 2250W for 10 sec.	3450W for 3 minutes ; 4500W for 10 sec.
Output surge rating (30 cycles.)	2000W	3000W	6000W
DC input rated voltage	12VDC, 24VDC or 48VDC		
AC output voltage	100 / 110 / 115 / 120VAC or 200 / 220 / 230 / 240VAC selectable by setting button		
Output frequency	50Hz/60Hz selectable by setting button		
AC output waveform	True sine wave, THD<3.0%		
AC output regulation	±3% of rated output voltage		
No load dissipation	≤6W @ standby saving mode	≤18W @ standby saving mode	≤10W @ standby saving mode
Working temperature	0 ~ +40°C @ 100% load, 60°C @ 50% load		
Safety standards	110V	Compliance to UL458 (except for 48V and only for GFCI receptacle)	
	230V	Compliance to EN60950-1	
EMC standards	110V	Compliance to FCC class A	
	230V	Compliance to EN55022 class A (class B for TS-1500), E-Mark, EN61000-4-2,3,8, ENV50204	

## 1000W

Model Name	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-1000-112 <b>A</b>	1000W	10.5-15	110 / 60	TYPE-A	88%
TS-1000-124 <b>A</b>	1000W	21.0-30	110 / 60	TYPE-A	89%
TS-1000-148 <b>A</b>	1000W	42.0-60	110 / 60	TYPE-A	90%
TS-1000-212 <b>B</b>	1000W	10.5-15	230 / 50	TYPE-B	90%
TS-1000-224 <b>B</b>	1000W	21.0-30	230 / 50	TYPE-B	91%
TS-1000-248 <b>B</b>	1000W	42.0-60	230 / 50	TYPE-B	92%

□ = A, B (standard model), C, D, E or F (optional model)

## 3000W

Model Name	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-3000-112 <b>A</b>	3000W	10.5-15	110 / 60	TYPE-A	88%
TS-3000-124 <b>A</b>	3000W	21.0-30	110 / 60	TYPE-A	90%
TS-3000-148 <b>A</b>	3000W	42.0-60	110 / 60	TYPE-A	91%
TS-3000-212 <b>B</b>	3000W	10.5-15	230 / 50	TYPE-B	89%
TS-3000-224 <b>B</b>	3000W	21.0-30	230 / 50	TYPE-B	91%
TS-3000-248 <b>B</b>	3000W	42.0-60	230 / 50	TYPE-B	92%

□ = A, B (standard model), C, D, E or F (optional model)

## 1500W

Model Name	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-1500-112 <b>A</b>	1500W	10.5-15	110 / 60	TYPE-A	87%
TS-1500-124 <b>A</b>	1500W	21.0-30	110 / 60	TYPE-A	89%
TS-1500-148 <b>A</b>	1500W	42.0-60	110 / 60	TYPE-A	90%
TS-1500-212 <b>B</b>	1500W	10.5-15	230 / 50	TYPE-B	88%
TS-1500-224 <b>B</b>	1500W	21.0-30	230 / 50	TYPE-B	90%
TS-1500-248 <b>B</b>	1500W	42.0-60	230 / 50	TYPE-B	91%

□ = A, B (standard model), C, D, E or F (optional model)

## Features (IRC1 & IRC2)

- Wall-mounted and control panel assembly acceptable
- Built-in ON/OFF button
- LED indicators for remote ON/OFF, abnormal and power saving mode
- Equipped with 10FT cable, optional for 25FT or 50FT
- Connect directly to the remote socket of inverter; no power supply needed
- Suitable series:  
**IRC1:** TS-700 / 1000 / 1500 / 3000 , TN-1500 / 3000  
**IRC2:** TS-700 / 1000 / 1500 / 3000
- 3 years warranty