

DC/AC Inverter

1000~1500W True Sine Wave Solar Inverter



NEW



▲ **TS-1000**
393x 183x 70 mm



▲ **TN/TS-1500**
420x 220x 88 mm

Features

- True sine wave output (THD<3%)
- Advanced digital control by microprocessor
- Output voltage / freq. adjustable
- High efficiency up to 91%
- Power saving mode to conserve energy
- **Optional Monitoring software**
- Solar input current up to 30A max.(TN-1500)
- Fast transfer time under 10ms (TN-1500)
- With UPS function (TN-1500):
AC by pass / built-in AC and solar charger

- LED indicating panel for load / battery / operation status
- Protections:
Input: Bat. low alarm / Bat. low shutdown / Bat. polarity / Bat. over voltage
Output: Short circuit / Overload / Over temp.
- Applications:
Home appliance, power tools, office and portable equipment, vehicle and yacht...etc.
- 2 years warranty

Output Socket (option)

TYPE-A	TYPE-B
USA	EUROPE
▲ Please consult Mean Well for other kinds of optional output socket.	

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	TS-1000	TS/TN-1500
Rated output power(typ.)	1000W	1500W
Maximum output power	1150W for 3 minutes ; 1500W for 10 seconds	1725W for 3 minutes ; 2250W for 10 seconds
Surge Current (500ms typ.)	25A for 110VAC output models; 20A for 220VAC output models	30A for 110VAC output models; 20A for 220VAC output models
DC input rated voltage	12VDC, 24VDC or 48VDC	
AC output voltage / Frequency	100 / 110 / 115 / 120VAC, 50Hz / 60Hz ; 200 / 220 / 230 / 240VAC, 50Hz / 60Hz selectable on front panel (the setting button)	
AC waveform	True sine wave, THD<3.0%	
AC regulation	-3%~+3% of rated output voltage	
No load dissipation	≤5.5W@saving mode	≤18W@saving mode
Transfer time	-----	≤10ms (inverter mode ↔ by pass mode) (TN-1500 only)
Working temperature	0 ~ +60°C (refer to output derating curve)	
Safety standards	110V	Compliance to UL458 (except for 48V)
	220V	Compliance to EN60950-1
EMC standards	110V	Compliance to FCC class A
	220V	Compliance to EN55022 class B, E-Mark, EN61000-4-2,3,4,5,6,8,11, ENV50204

1000W (True Sine Wave Inverter)

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-1000-112[A]	1000W	10.5-15	110 / 60	TYPE-A	88%
TS-1000-124[A]	1000W	21.0-30	110 / 60	TYPE-A	89%
TS-1000-148[A]	1000W	42.0-60	110 / 60	TYPE-A	90%
TS-1000-212[B]	1000W	10.5-15	220 / 50	TYPE-B	90%
TS-1000-224[B]	1000W	21.0-30	220 / 50	TYPE-B	91%
TS-1000-248[B]	1000W	42.0-60	220 / 50	TYPE-B	92%

□ = A, B (option for output socket)

1500W (Inverter with AC & Solar Charger)

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TN-1500-112[A]	1500W	10.5-15	110 / 60	TYPE-A	87%
TN-1500-124[A]	1500W	21.0-30	110 / 60	TYPE-A	89%
TN-1500-148[A]	1500W	42.0-60	110 / 60	TYPE-A	90%
TN-1500-212[B]	1500W	10.5-15	220 / 50	TYPE-B	88%
TN-1500-224[B]	1500W	21.0-30	220 / 50	TYPE-B	90%
TN-1500-248[B]	1500W	42.0-60	220 / 50	TYPE-B	91%

□ = A, B (option for output socket)



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We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.

1500W (True Sine Wave Inverter)

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-1500-112[A]	1500W	10.5-15	110 / 60	TYPE-A	87%
TS-1500-124[A]	1500W	21.0-30	110 / 60	TYPE-A	89%
TS-1500-148[A]	1500W	42.0-60	110 / 60	TYPE-A	90%
TS-1500-212[B]	1500W	10.5-15	220 / 50	TYPE-B	88%
TS-1500-224[B]	1500W	21.0-30	220 / 50	TYPE-B	90%
TS-1500-248[B]	1500W	42.0-60	220 / 50	TYPE-B	91%

□ = A, B (option for output socket)