

DC/AC Inverter

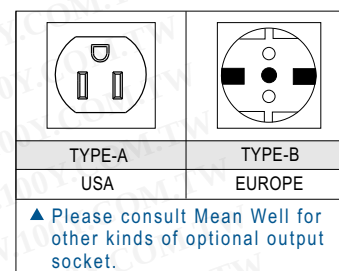
1000, 1500W True Sine Wave Solar Inverter



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 (optional)



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



Model	TN/TS-1500	TS-1000
Rated output power (Typ.)	1500W	1000W
Maximum output power	1725W for 3 minutes ; 2250W for 10 seconds	1150W for 3 minutes ; 1500W for 10 seconds
Surge Current (500ms typ.)	40A for 110VAC output models; 30A for 220VAC output models	25A 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	≤18W@saving mode	≤5W@saving mode
Transfer time	≤10ms (inverter mode ↔ by pass mode) (TN-1500 only)	-----
Working temperature	-10 ~ +60°C (refer to output derating curve)	
Safety standards	110V	UL458 approved
	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-1000-112A	1000W	10.5-15	110/60	TYPE-A	88%
TS-1000-124A	1000W	21.0-30	110/60	TYPE-A	89%
TS-1000-148A	1000W	42.0-60	110/60	TYPE-A	90%
TS-1000-212B	1000W	10.5-15	220/50	TYPE-B	89%
TS-1000-224B	1000W	21.0-30	220/50	TYPE-B	90%
TS-1000-248B	1000W	42.0-60	220/50	TYPE-B	91%

□ = 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-1500-112A	1500W	10.5-15	110/60	TYPE-A	87%
TN-1500-124A	1500W	21.0-30	110/60	TYPE-A	89%
TN-1500-148A	1500W	42.0-60	110/60	TYPE-A	90%
TN-1500-212B	1500W	10.5-15	220/50	TYPE-B	89%
TN-1500-224B	1500W	21.0-30	220/50	TYPE-B	90%
TN-1500-248B	1500W	42.0-60	220/50	TYPE-B	91%

□ = A, B (option for output socket)

1500W (True Sine Wave Inverter)

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

□ = A, B (option for output socket)



Best products also need best services.

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.



We provide specification, drawing, test report and more information, please visit our web site <http://www.meanwell.com>