

DC/AC Inverter

1500W True Sine Wave Solar Inverter

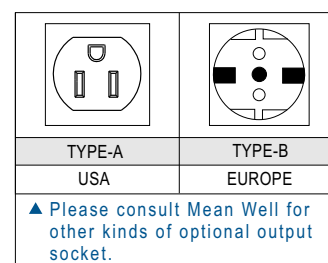


Features

- True sine wave output (THD<3%)
- Advanced digital control by microprocessor
- Output voltage / freq. adjustable
- Solar input current up to 30A max.
- High efficiency up to 90%
- Fast transfer time under 10ms.
- Power saving mode to conserve energy
- 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...ect.
- 2 years warranty

Output Socket (optional)



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

CEFC UL / CUL / e-mark pending

Rated output power (Typ.)	1500W
Maximum output power	1725W for 3 minutes ; 3000W peak load
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
Transfer time	≤ 10ms (inverter mode ↔ by pass mode) (TN-1500 only)
Working temperature	-10 ~ +60°C (refer to output derating curve)
Safety standards	110V Compliance to UL458
	220V Compliance to EN60950-1
EMC standards	110V Compliance to FCC class A
	220V Compliance to EN55022 class B, e-Mark e13-020932, EN61000-4-2,3, ENV50204

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	89%
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)

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	89%
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)