

INVERTER / TESLA

Solar Inverter

Tesla Solar Inverter · up to 7.6 kW

Tesla Solar Inverter turns power from your panels into AC electricity for your home. Track solar production in the Tesla App, with four independent trackers to manage different roof sections.



Up to 7.6 kW

AC output

4 MPPT

Solar trackers

12.5 years

Inverter warranty

For your home

Built for different roof sections

Four independent maximum power point trackers help manage panels facing different directions.

Your solar in the Tesla App

See how much electricity your system produces from your phone.

Your system

- Panel string voltage and current
- Roof orientation and shade
- Electrical service and inverter placement

MODEL DETAILS

Specifications & warranty

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Specification	Value
Model family	1538000-xx-y
Nominal AC output options	3.8 / 5 / 5.7 / 7.6 kW
Independent MPPT trackers	4
Maximum DC input voltage	600 V
MPPT voltage range	60–480 V
CEC efficiency at 240 V	98.0%
Nominal grid	240 V split-phase · 60 Hz
Dimensions · H × W × D	660 × 411 × 158 mm
Weight	52 lb
Inverter warranty	12.5 years

Warranty

12.5-year manufacturer warranty for the inverter.

Inverter output ratings are per unit. Enphase output values above are at 240 V.

Original sources

[Tesla Solar Inverter manufacturer data sheet](#)
[Tesla Solar Inverter product information](#)