INVERTER / TESLA

# 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 | 4 MPPT | 12.5 years |
|---|---|---|
| AC output | Solar trackers | 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