

# Huawei 22kW inverter parameters



## Overview

---

Huawei -SUN 2000-20KTL-M2 22 kW inverter for photovoltaic system control

**CHARACTERISTICS** European efficiency - 98.3% Maximum input voltage 1080V Number of entrance routes 4 Number of MPP tracking devices 2 Weight - 25 kg Noise 29DB Rated output current 30. The inverter max input PV power is 10,000 Wp when long strings are designed and fully connected with optimizers. The actual values may vary with products, software versions, usage.

**Market Leadership with Proven Technology:** Huawei maintains its position as the world's #1 solar inverter manufacturer for six consecutive years, commanding 29% of the global market through superior AI-powered optimization, 99% peak efficiency, and extensive R&D investment representing 54.1% of.

**Power Adjustment Settings** The following table describes the power adjustment parameters for the SUN2000-12/15/17/20/25K-MB0 series inverters. Learn more about the detailed model, parameter configuration, compatibility, environment, and product description of the SUN2000-3-4-5-6KTL-L1. Any higher input DC voltage would probably damage inverter.

## Huawei 22kW inverter parameters

---

### [Huawei 22kw inverter parameters](#)



Huawei Solar Inverter Complete Guide : Huawei inverters are compatible with most solar panels, provided the panel specifications fall within the inverter's operating parameters.

### [Huawei Solar Inverter Complete Guide 2025: Models, Performance](#)

Huawei inverters are compatible with most solar panels, provided the panel specifications fall within the inverter's operating parameters. The wide voltage range (120V-600V) and high current

...



### SMART ENERGY CONTROLLER

\*1 The inverter max. input PV power is 40,000 Wp when long strings are designed and fully connected with SUN2000-450W-P power optimizers. \*2 The max. input voltage is the upper limit of the DC voltage.



### [Huawei Photovoltaic Grid-Connected Inverter Parameters: The ...](#)

As global energy prices fluctuate, Huawei's grid-tied inverters have become the go-to solution for commercial installations, particularly after their Q1 2025 firmware update addressing ...



### SUN2000-12/15/17/20KTL-M2

\*1 Inverter max input PV power is 40,000 Wp when long strings are designed and fully connected with SUN2000-450W-P power optimizers. \*2 The maximum input voltage is the upper limit ...

### [SUN2000-3-4-5-6KTL-L1 Specs , HUAWEI Smart PV...](#)

Learn more about the detailed model, parameter configuration, compatibility, environment, and product description of the SUN2000-3-4-5-6KTL

...



### [Huawei photovoltaic inverter parameter configuration](#)

Full configuration scenario: For a single-phase solar inverter, the number of PV modules connected in series in a PV string cannot exceed 25 and the maximum power of a PV string



### Smart String Inverter

4 strings intelligent monitoring and fast troubleshooting. RS485 and USB ports for connectivity and data management. Local graphic LCD display and remote monitoring. Max. efficiency 98.6% European ...



### Huawei inverter

The router supports WLAN (IEEE 802.11 b / g / n, 2.4 GHz) and the WLAN signal reaches SUN2000.

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.motocykle3city.pl>