

Huawei inverter 100kW appearance size

50KW modular power converter



Flexible Configuration

- Modular Design, Expanding as Required
- Small&Light, Wall Mounted
- Installed in Parallel for Expansion



Powerful Function

- Support PV+ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped



Overview

With dimensions of 1035 x 700 x 365 mm and a weight of 93 kg, it's compact yet powerful. The solar inverter utilizes plug-in connections for quick commissioning and integrates smoothly with smart components via RS485 communication.

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[Huawei Inverter 100kW THREE-PHASE SUN2000-100KTL-M2](#)

The Huawei SUN2000-100KTL-M2 solar inverter is an innovative solution from Huawei for solar installations with three-phase grid connection without battery, with an output power of 100000W. Its

SUN2000-100KTL-M1

Operating Altitude without Derating Relative Humidity DC Connector AC Connector Protection Degree Topology Nighttime Power Consumption.
*1 The maximum input voltage is the upper limit of the DC



[Huawei SUN2000-100KTL-M1 Datasheet , PDF , Alternating Current](#)

The document provides technical specifications for the SUN2000-100KTL-M1 Smart String Inverter, which has a maximum efficiency of 98.8%, can support inputs of up to 1,100V and 26A per MPPT,

[Huawei , SUN2000-100KTL-M2 , Solar Inverter](#)

Detailed profile including pictures, certification details and manufacturer PDF.



[Huawei M1 100kVA 100kW 3-Phase Solar Inverter - Truly Solar](#)

HUAWEI SUN2000-100KTL-M2 inverter is an uncompromisingly powerful module for large-scale solar power systems. It converts the generated electricity from sunlight into grid-

standard alternating

[Huawei 100 kW Inverter Datasheet: Specifications and Features](#)

In this section, we will provide a comprehensive overview of the technical specifications and features of the high-capacity inverter manufactured by Huawei. This inverter represents a cutting-edge solution



[Huawei M1 100kW 3-Phase Solar Hybrid Power Solar](#)

The HUAWEI SUN2000-100KTL-M2 inverter is designed for maximum efficiency and ease of installation. With dimensions of 1035 x 700 x 365 mm and a weight

[HUAWEI Smart String Solar Inverter SUN2000-100KTL](#)

Power Output: The inverter has a rated output power of 100 kW and a maximum apparent power of 110 kVA, making it suitable for utility-scale solar installations.



[Huawei M1 100kVA 100kW 3-Phase Solar Inverter](#)

The dimensions of 1035 x 700 x 365 mm are compact for an inverter of this power class, the weight is 93 kg. Installation is therefore best done in pairs or threes.

SUN2000-100KTL-M2 Datasheet_20250626

Any higher input DC voltage would probably damage inverter. *2 Any DC input voltage beyond the operating voltage range may result in inverter improper operating.





[Huawei SUN2000-100KTL-M2 100kW Three-phase PV string Inverter](#)

Huawei SUN2000-100KTL-M2 three-phase PV string inverter of the Smart PV Controller series with 10 strings and 2 MPPT, 100,000W nominal power, max efficiency 98.6%, for grid-connected residential

[Three Phase Inverter Huawei SUN2000-100KTL-M1 100kW](#)

This Huawei inverter model has very compact dimensions (1035 x 700 x 365 mm) and a relatively light weight for this class of inverters of 90 kg, which makes it easy to install.



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