

# Sunshine 60KTL inverter parameters





## Overview

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What are the parameters of a smart string inverter?

Smart String Inverter Max. Input Voltage Max. Current per MPPT Max. Short Circuit Current per MPPT Max. AC Apparent Power Max. AC Active Power ( $\cos\phi=1$ ) Max. Output Current Max. Total Harmonic Distortion Max. Operating Altitude.

How does sun2000 work?

Issue 02 (2018-10-15) Copyright © Huawei Technologies Co., Ltd. SUN2000 to track the maximum power point of the PV strings. The DC power is then converted into three-phase AC power through an inverter circuit. Surge protection is supported on both the DC and AC sides. Issue 02 (2018-10-15) Copyright © Huawei Technologies Co., Ltd.

What is a sun2000 PV system?

The SUN2000 applies to grid-tied PV systems for commercial rooftops and large PV plants. Typically, a grid-tied PV system consists of the PV string, SUN2000, alternating current distribution unit (ACDU), and isolation transformer. Issue 02 (2018-10-15) Copyright © Huawei Technologies Co., Ltd.

How do I install a PE cable on a sun2000-60ktl-m0?

If an AC switch that can detect residual current is installed outside the SUN2000-60KTL-M0, the residual current value to trigger the switch should be greater than 660 mA. Page 42 Installing the PE Cable Step 1 Crimp an OT terminal. Step 2 Secure the PE cable using the ground screw.



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### SUN2000

Explore detailed technical specifications and features of Huawei products, including model configurations, compatibility, environment, and product descriptions.

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### HUAWEI SUN2000-60KTL-M0 USER MANUAL Pdf Download

View and Download Huawei SUN2000-60KTL-M0 user manual online. Three-phase grid-tied PV string inverter. SUN2000-60KTL-M0 inverter pdf manual download.

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### SG60KTL

Sep 18, 2020 · Easy O& M Compact design and light weight for easy installation Plug-in design of fan and SPD, convenient for on-site maintenance Integrated string current monitoring function ...

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### Operations with the SUN2000 App

The app screenshots in this chapter are for the SUN2000-60KTL-M0. Configurable parameters vary depending on the grid code. The actual display may vary. The parameter names, value ...

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### Three-Phase On-Grid Inverter 60kW, Huawei ...

Nov 20, 2025 · The Huawei SUN2000-60KTL-HV-D1-001 three-phase inverter is an advanced and robust solution for efficiently managing the ...

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### HOPEWIND HOPESUN SERIES USER MANUAL ...

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### Smart String Inverter

Jul 31, 2018 · Smart String Inverter SUN2000-60KTL-M0 Smart 12 strings intelligent monitoring and fast trouble-shooting Power Line Communication (PLC) supported Smart I-V Curve ...

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### SUN2000-60KTL-M0 datasheet

Oct 11, 2018 · Smart String Inverter (SUN2000-60KTL-M0) Technical Specifications Max. Efficiency European Efficiency Max. Input Voltage Max. Current per MPPT Max. Short Circuit ...

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### CPS Series Photovoltaic Grid Connection Inverter

Jun 22, 2023 · The CPS SCA36/50/60KTL-DO/US-480 3-Phase String Inverters employ Smart Inverter (Grid Support) Functions in compliance with UL1741, SA8-SA18 and UL1741-SB ...

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### Understanding the Sunshine 60KTL Inverter Parameters for

The Sunshine 60KTL inverter parameters --from its wide voltage range to industry-leading efficiency--make it ideal for commercial solar installations. Paired with smart grid compatibility ...

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### SUN2000-60KTL-M0

Feb 8, 2023 · SUN2000-60KTL-M0 Smart String Inverter 6 MPP Trackers 98.9% (@480V) Max. Efficiency String-level Management Smart I-V Curve Diagnosis Supported

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### SUN2000

Purpose This document describes the SUN2000-50KTL-M0, SUN2000-60KTL-M0, and SUN2000-65KTL-M0 (SUN2000 for short) in terms of installation, electrical connections, ...

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### SUN2000-60KTL-M0

Oct 25, 2019 · \*1 La tension d'entrée maximale est la limite supérieure de la tension continue. Toute tension CC d'entrée plus élevée endommagerait probablement l'onduleur. \*2 Toute ...

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### HUAWEI SUN2000-60KTL-M0 USER MANUAL ...

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