



Huawei 30kw photovoltaic inverter manual

What is a sun2000 inverter?

The SUN2000 is a three-phase grid-tied PV string inverter that converts the DC power generated by PV strings into AC power and feeds the power into the power grid. Figure 2-1 shows a model number of the SUN2000, using SUN2000-30KTL-A and SUN2000-33KTL-E001 as an example. Table 2-1 lists all models of the SUN2000 and their rated output power.

Which power grid mode does sun2000-30ktl-a support?

The SUN2000-30KTL-A and SUN2000-40KTL only support the power grid mode IT, as shown in Figure 2-4. The SUN2000-30KTL-A and SUN2000-40KTL are mainly used for medium-voltage power grids. They deliver three-phase, three-wire output and then are fed to a medium-voltage power grid over a step-up transformer.

How to adjust the power output of an inverter?

Step 1 On the home screen, tap Power Adjustment and set power parameters as required. Power Quality Response Modes supported by the inverter can be implemented by setting Voltage rise suppression parameters. Power derating for voltage variation (Volt-Watt mode): The inverter power output will vary in response to the AC grid voltage.

How do I start the sun2000 if the power grid recovers?

The SUN2000 can start properly only after the power grid recovers. Step 1 Turn on the AC switch between the SUN2000 and the power grid. Step 2 (Optional) Remove the locking screw beside the DC switch. Step 3 Turn on the DC switch at the bottom of the SUN2000. Step 4 Observe the LED indicators to check the operating status of the SUN2000.

How do you connect a sun2000 to a power supply?

Use a torque wrench with an open end of 52 mm to tighten the locking cap to a torque of 7.5 N·m. Check that the cables are connected correctly and securely, and then seal the cable holes with firestop putty. Connect the SUN2000 to PV strings over DC input power cables.

How many pages in Huawei sun2000-30ktl-us user manual?

Huawei SUN2000-30KTL-US User Manual

Also See for

SUN2000-30KTL-US User manual- 127 pages Quick installation manual- 20 pages Quick installation manual- 18 pages

Page 1 SUN2000-(330KTL-H1, 330KTL-H2) User Manual Issue Draft A Date 2022-08-30 HUAWEI TECHNOLOGIES CO., LTD.; Page 2 Notice The purchased products, services and features are stipulated by the contract made between ...

SUN2000: grid-tied solar inverter. 2. Power level identifier. 20K: The rated power is 20 kW. 29.9K: The rated power is 29.9 kW; 30K: The rated power is 30 kW. 36K: The rated power is 36 kW. ...

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