

Huawei 800v inverter grid-connected voltage





Overview

What is a Huawei Sun series Smart string grid connect inverter?

HUAWEI SUN Series Smart String Grid Connect Inverters are of transformerless design for the management of hybrid solar powered PV/AC mains power supply installations.

How does the Huawei inverter work?

Thanks to the integrated 800V high-voltage battery connection, the inverter can be expanded with the Huawei battery. The optional Huawei Smart Meter is connected via the integrated RS485 interface and provides information about home consumption and the grid feed-in. This means that the inverter can also implement dynamic power reduction.

What is a Huawei solar inverter?

HUAWEI SUN Inverters incorporate the latest technologies for optimal PV power generation providing highly efficient, safe & reliable installations with smart operating and grid supporting capabilities that optimizes solar energy utilization in Residential, Commercial and Industrial applications. Max. Output & Rated Max. PV Input Power, W Max.

How does the Huawei Smart Energy Center work?

The Huawei 3-phase inverter is the interface for the Huawei Smart Energy Center. Thanks to the integrated 800V high-voltage battery connection, the inverter can be expanded with the Huawei battery. The optional Huawei Smart Meter is connected via the integrated RS485 interface and provides information about home consumption and the grid feed-in.

What is the power range of a string inverter?

String inverters come in a power range between 2.5 kW and 250 kW. Company Profile Hefei Pinergy Solar Technology Co., Ltd is a professional and world-class manufacturer of crystalline PV modules. The business covers the



R&D, production and sales of PV modules, solar power plants and PV system products, and O&M services, etc.

How do PV inverters work?

The inverters convert the PV generated DC power to AC, either single or three phase depending on model, and feed to the applied load prioritizing the PV output, supplementing with AC mains power if there is insufficient PV generated output.



Huawei 800v inverter grid-connected voltage



[Recommended Requirements for Inverter Application](#)

For details about the voltage difference configuration requirements for the SUN2000 inverter, see Electrical Connections > Connecting DC Input Power Cables > Cable Connection Description ...

[Huawei FusionSolar Commercial & Residential PV Solution ...](#)

*1 The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter. *2 Any DC input voltage beyond the operating voltage range ...



Contact Us

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