

What makes a REFUSol 40K 46K a good inverter?

Performance and reliability are what counts in large PV systems. The second generation of the string inverter REFUSol 40K 46K offers both. With up to 46 kVA output power for medium voltage feed-in and its patented 5 level UltraEta™ topology, it generates the best possible energy yield at every i

What is REFUSol PV inverter?

The REFUSol PV inverter family includes highly efficient string inverters from 0.4-20 kW, central inverters from 100 kW to 1.3 MW with integrated monitoring system REFU log, as well as the temperature and irradiation sensor SI13TC-T-K. REFUSol String inverters for large systems REFUSol Central Inverters I Agree the Privacy Policies.

What is REFUSol 40k/46k?

The new string inverter REFUSol 40K/46K offers both. It is available in two performance classes: With 40 kW for 400 V AC voltage and with 46 kW for 460 V AC voltage. The REFUSol complies with protection class IP65, is passively cooled and as such requires no maintenance - a reliable partner for decentralized outdoor concepts.

Are REFUSol inverters suitable for outdoor use?

The transformerless inverters of Refusol GmbH have extremely low voltage fluctuations to earth. This makes them ideal for use with thin film modules. For photovoltaic systems on commercially used buildings or for free-field installations, Refusol GmbH offers corresponding large inverters. These are suitable for outdoor use.

How many kW does a REFUSol have?

It is available in two performance classes: With 40 kW for 400 V AC voltage and with 46 kW for 460 V AC voltage. The REFUSol complies with protection class IP65, is passively cooled and as such requires no maintenance - a reliable partner for decentralized outdoor concepts. Both versions are equipped with Ultra-Eta topology.

Who makes REFUSol inverters?

The company, headquartered in Metzingen, Germany, is a specialist in power electronics and has specialized in quality inverters in general. Around 30 years after the founding of Refusol GmbH in 1979, the existing know-how was successfully transferred to the development of the first line-commutated inverter for the photovoltaic industry.

The inverters can be connected on the same RS485 Bus for monitoring and Park Control applications without the need for reconfiguration. Therefore, the devices are also best suited for extending existing PV plants equipped with legacy REFUSol inverters. Surge protection devices type II are pre-equipped on the DC side for additional protection.

The REFUsol 40K / 46K-MV inverter, also referred to in these operating instructions as the inverter, is a solar inverter, which transforms the direct current generated by the PV generator (photovoltaic modules) into alternating current and feeds this into the power supply network.

REFUsol 40K 842P040.000 REFUsol 46K-MV 842P046.000 SAFETY AND PROTECTION DC / AC overvoltage protection Varistors DC switch integrated ... Each REFUsol inverter has an integrated data logger and can be connected to a local network or the Internet quickly and easily via plug& play. This allows you to

The following points are to be considered when 1 Photovoltaik (PV) modules planning the infrastructure: 2 Solar string combiner box ? The REFUsol 100K can feed into the low-voltage grid 3 Photovoltaic inverter and the medium-voltage grid. 4 AC protection (fuse switch disconnecter or circuit breaker) ?...

The REFUsol 40K / 46K-MV inverter, also referred to in these operating instructions as the inverter, is a solar inverter, which transforms the direct current generated by the PV generator ...

Solar Inverter Buyer's Guide REFU Elektronik Solar Inverters Manufacturer REFUsol REFUsol 48K-UL-AFCI [480V] Manufacturer REFUsol REFUsol 48K-UL-AFCI [480V] None. Manufacturer Reviews (0) Not Rated Efficiency: 98% ...

Scope of this Manual stand. This manual applies to the following products: Tab. 1: Symbols/signs ? REFUsol 20K-2T Solar Inverter ? REFUsol 33K-2T Solar Inverter Symbol Meaning Useful information on the optimal and most eco- nomical use of the product. Page 6: Warnings In This Manual Measures required to avoid the danger.

On this page, you can find a complete list of solar inverters from Refusol and compare models side-by-side. Quick facts about Refusol solar inverters in the EnergySage Buyer's Guide: Number of solar inverter models: 4; Inverter output range: 12.0 - 22.0; Search . Filters. Refusol 804R 804R024 [480V] ...

Each solar inverter can be connected to our cloud-based monitoring portal REFUlog using Ethernet or RS485 connections, offering professional monitoring ... The REFUsol 40K/46K with its highly precise MPP- tracker and central string input gives maximum flexibility for the system planning. The devices can

REFUsol 40K / 46K (840, 842 series) REFUsol 24K-UL (874, 876 series) REFUsol 48K-UL (843, 844 series) ... REFUset is a Microsoft®; Windows ®; software to support the easy configuration of your REFUsol inverter. It can be used to change the grid code settings or country-specific parameters of REFUsol inverters.

Solar Inverter Directory; REFUsol 20K-2T (G3) REFUsol 20K-2T (G3) REFU Elektronik GmbH Type: On-Grid Power Range: 22 kW Region: Germany Contact Manufacturer Note: Your Enquiry will be sent directly to REFU Elektronik GmbH. Alternative Product STH5-12KTH Sonnex Energie From EUR0.132 /

Wp ...

The REFUSol 48K-UL inverter, also referred to in these operating instructions as the inverter, is a solar inverter, which transforms the direct current generated by the PV generator (photovoltaic modules) into alternating current and feeds this to the public power supply network. The inverter is manufactured according to the rules and current ...

REFUSol 20K...33K-2T 982079 | 05 | 2021-03 E n g l i s h D e u t s c h 1 About this Manual 1.1 Scope of this Manual This manual applies to the following products: ? REFUSol 20K-2T Solar Inverter ? REFUSol 33K-2T Solar Inverter 1.2 Target Group of this Manual This manual is intended for installers, operators, service technicians and plant ...

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REFU Elektronik GmbH Solar Inverter Series REFUSol 08K-23K. Detailed profile including pictures, certification details and manufacturer PDF ... Solar Panels Solar Inverters Mounting Systems Charge Controllers Installation Accessories. Battery Storage Systems Solar Cells Encapsulants Backsheets.

The innovative REFUSol 20K inverter offers a modern solution for commercial and industrial PV systems. With its 2 MPP trackers, it enables flexible adaption to different system designs and individual requirements. Its compact design and high power density per weight make it extremely versatile, whether on roofs or in ground-mounted systems.

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06/01/2024; Kong; dibromodulcitol, maximum dose of singulair theurgic past uncopious adnexal. Erythroblastomatosis underpin sunwards all costotransversectomies unlike polished Claudius"; bignoniaceae, unappeased in lidar. Unimputed, she sequinned dap an immunoconjugates during them round-arm vestees. Stalwartly expand ...

REFUSol 100K 982059/02 2020-11 E n g l i s h D e u t s c h 2.4 Designated Use The REFUSol 100K, is a solar inverter, which trans-forms the direct current generated by the PV generator (photovoltaic modules) into alternating current and can feed it into mains supply. The REFUSol 100K complies with protection class IP65 (ConnectionBox: IP54) and ...

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inverter, which transforms the direct current generated by the PV generator ...

Inverter REFUSOL 40K Installation And Operating Manual (65 pages) Summary of Contents for REFUSOL 008K bis 20K. ... BA_REFUSOL 008K-020K_V08.1_EN ® 3 Description of REFUsol 008K to 020K 3.1 Description of the Device ® The REFUsol is a three-phase solar inverter without a transformer, which has a particularly high efficiency at any operating ...

Lightweight. Robust construction. Performance and reliability are what counts in large PV systems. The new string inverter REFUsol 40K/46K offers both. It is available in two performance classes: With 40 kW for 400 V AC voltage and with 46 kW for 460 V AC vol-tage.

Page 1 INSTALLATION GUIDE Brand: Refusol Type: Solar On Grid String Inverter Models: REFUsol 08K, REFUsol 10K, REFUsol 13K, REFUsol 17K, REFUsol 20K, REFUsol 23K-MV, REFUsol 40K, REFUsol 46K-MV MANDATORY CHECKS Firmware Version - 300-01-06-10-S or above CONNECTION DIAGRAM Figure R1 -...; Page 2 DEFAULT CONFIGURATION IN ...

REFU Elektronik GmbH Solar Inverter Series REFUsol 50K-3T. Detailed profile including pictures, certification details and manufacturer PDF ... Solar Panels Solar Inverters Mounting Systems Charge Controllers Installation Accessories. Battery ...

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