

320kw inverter specifications

What is a 320/350kw inverter?

320/350kW I Three Phase I 12/15 MPPTs The UT 1500V Series (320/350kW) is GoodWe's new three-phase string inverter designed to increase the profitability of utility-scale projects. Offering options of 12 MPPTs and 15 MPPTs, this series comes with a maximum string input current of 15/20A, thus supporting

Who makes sg320hx solar inverter?

SH3.0/3.6/4.0/5... SG2.0/2.5/3.0RS... Sungrow Power Supply Co., Ltd. Solar Inverter Series SG320HX (China). Detailed profile including pictures, certification details and manufacturer PDF

What is a Sungrow sg320hx solar inverter?

The Sungrow SG320HX is a high-capacity on-grid solar inverter designed for large-scale solar power systems. With a massive power rating of 320 kilowatts (kW), it is suitable for utility-scale installations and commercial solar projects.

What is the operating range of the UT inverter?

operating range of -35°C to $+60^{\circ}\text{C}$. With enhanced safety, optimal LCOE, and ensured cost-effectiveness, the high-performance UT inverter provides a future-ready solution.

Can a sg320hx inverter be connected to the grid?

Consequently, the inverter should not be connected to the grid. SG320HX 24h real-time AC and DC insulation monitoring function will analyze the impedance, evaluate the insulation state and upload real-time alarm and impedance value.

How many MPPTs can a Sungrow sg320hx run?

There are two different technical paths in large PV panels in terms of the short circuit current; one is below 15A and the other is around 18.5A. Sungrow SG320HX is compatible with both types; 12 MPPTs for 210 PV modules and up to 16 MPPTs for 182 PV modules.

Global energy solutions company Growatt has now launched its new utility string inverters ranging from 320kW to 350kW. The company said that the development of the "MAX 320~350KTL3-X" by Growatt's R&D team represents a breakthrough product poised to transform the global solar market.

PV inverters are available in a number of versions for a variety of uses. The following inverters are those used most frequently: Micro solar inverters / Module Inverter. These micro inverters for PV systems are connected directly to the ...

Jinlang Technology 320kW three-phase string photovoltaic inverter, G6-GU320K-EHV industrial and commercial solar photovoltaic inverter. ... Specification: 530w, 535w, 545w. Related products. SUNGROW



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Solar Inverter

320kW Max. AC apparent power 352kVA Max. output current 254A Rated output voltage 800V Rated output frequency 50Hz/60Hz Efficiency Max. efficiency 99.04% General Data Dimensions (W / H / D) 1200 x 800 x 360 mm Weight 125kg Nighttime power

SUNGROW 320kW [295kW at 50 Degrees] (8) - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The SG320HX is a multi-MPPT string inverter for 1500Vdc solar systems with up to 16 MPPTs and 99.01% maximum efficiency. It offers high yield through multiple MPPTs, compatibility with 500Wp+ modules, and data exchange to improve ...

Single-phase inverters Single-phase PV inverters are connected to one power cable and/or line conductor. They are comparatively cheap and are suited to small PV systems. Three-phase inverters These inverters are connected to three power cables and/or three line conductors. They are more powerful, more energy efficient and more versatile.

Sungrow 320Kw On-grid Inverter SG320HX, the ideal solution for large-scale solar projects. With its high efficiency and reliable performance, this advanced inverter seamlessly integrates solar energy into the grid. Its robust design and ...

SolarEdge TerraMax(TM) Inverter . Engineered for Community Solar. NEW 250kW, 285kW for 600V AC grids 330kW for 690V AC grids. Our SolarEdge TerraMax(TM) Inverters are designed to deliver more energy for up to 50% less BoS costs,* AND higher system uptime through DC optimization.

Multi-MPPT String Inverter for 1500 Vdc System 12 MPPTs with max. efficiency 99% 30A MPPT compatible with 500Wp+ module Built-in Anti-PID and PID recovery function HIGH YIELD Touch free commissioning and remote firmware upgrade Smart IV Curve diagnosis* Fuse free design with smart string current monitoring CIRCUIT DIAGRAM EFFICIENCY ...

SG110CX Sungrow offers solar inverters with a high efficiency of over 99%, ranging from 450W to 8.8 MW. Besides, Sungrow PV inverters can be converted on any desired scale.

Technical Specification. SUN2000-12KTL-M2: SUN2000-20KTL-M2: Efficiency; Max. efficiency; 98.50%. 98.65%; European weighted efficiency. 98.00%; 98.30%. Input. Recommended max. PV power . 1. ... *1 Inverter max input PV power is 40,000 Wp when long strings are designed and fully connected with SUN2000-450W-P power optimizers.

Check out solar inverter SG320HX Sungrow Power Supply Co., Ltd. kW Datasheet PDF file, Prices, Reviews, and their Distributors. SG320HX. ... Sungrow On-Grid Inverter kW Prices, Reviews, Specs Datasheet. SG320HX. Specification. Warranty. Input Data (DC) Max. DC Voltage 1500 V. Nominal DC Voltage. 1080 V. Min. DC Voltage to Start Feed In. 550 V ...

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Sungrow 320kW PV-inverter - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The SG320HX is a multi-MPPT string inverter for 1500Vdc solar systems that offers high yield with up to 16 MPPTs and 99% efficiency, low cost compatibility with aluminum and copper AC cables, and smart O& M with touch-free commissioning and firmware upgrades.

Smart String Inverter For APAC, LATAM & EUROPE Technical Specifications Efficiency Curve Efficiency Max. Efficiency $\geq 99.03\%$ $\geq 98.8\%$ 1,500 V 6 65 A 115 A 4/5/5/4/5/5 550 V 500 V $\sim 1,500$ V 1,080 V 300,000 W 330,000 VA 330,000 W 800 V, 3W + PE 50 Hz / 60 Hz 216.6 A 238.2 A 0.8 LG ... 0.8 LD THD i < 1% (Rated) 1,048 x 732 x 395 mm ≤ 112 kg ...

Smart String Inverter (SUN2000-33KTL) Technical Specifications SUN2000-33KTL Efficiency Max. Efficiency 98.6% European Efficiency 98.3% Input Max. Input Voltage 1,000 V Max. Current per MPPT 23 A Max. Short Circuit Current per MPPT 34.5 A Start Voltage 250 V MPPT Operating Voltage Range 200 V ~ 950 V Max. Number of Inputs 6 Number of ...

String Inverter. SP-350K-H1. SP Series String Inverter. Product Brochure. Product Video. Features. ... Product Video. Features. Input (DC) Output (AC) Protection. Efficiency. General Data. Product Video. Technical Specs. Contact Us. Features. More power generation · Max. efficiency 99%, Euro efficiency 98.8% · 12MPPTs for tracking maximum PV ...

Sungrow Power Supply Co., Ltd. Solar Inverter Series SG320HX (China). Detailed profile including pictures, certification details and manufacturer PDF

MAX 185-253KTL3-X HV inverter is a good choice to be used for solar farms and large utility-scale PV systems, the inverter work with high DC and AC voltage, like 1500Vdc and 800Vac. The high PV and AC voltage help reduce system costs and achieve a ...

SINAMICS V20 Inverter ... Commissioning 4 Parameter list 5 Fault and warning codes 6 Technical specifications 7 Ordering data 8. Siemens AG Industry Sector Postfach 48 48 90026 NÜRNBERG GERMANY A5E31623806 (P) 11/2012 Technical data subject to change ...

4 Mechanical Mounting User Manual - - End Installing the Inverter Tools Item Specification Phillips screwdriver Spare parts Item Quantity Specification Source Grub screw M6×65 Delivery scope step 1 Hoist the inverter to the installation position when necessary (refer to "4.4.2 Hoisting Trans- ...

Multi-MPPT String Inverter for 1500 Vdc System . SG320HX-20. HIGH YIELD. Up to 16 MPPT with 99% efficiency . 40A MPPT compatible with 500Wp+ module . DC 2 in 1 connection . LOW COST. Compatible with Al and Cu AC cables . Less than 30ms reactive power response .

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