



SolarGrid Energy Solutions

320kw inverter maximum input current



Overview

With a maximum string input current of 15/20A, it is compatible with bifacial modules, optimizing energy yields for power plants. What is a 320/350kw inverter?

320/350kW | Three Phase | 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.

What is the maximum input voltage for a 40kW inverter?

The inverter has a maximum input current, such as 40A for 40kW. Only when the input voltage exceeds 550V, the output is likely to reach 40kW. When the input voltage exceeds 800V, the heat generated by the loss increases sharply, causing the inverter to derate the output.

What is the operating range of UT inverter?

operating range of -35°C to +60°C. With enhanced safety, optimal LCOE, and ensured cost-effectiveness, the high-performance UT inverter provides a future-ready utility-scale PV projects. Higher Yields, IP66 and optional C5 protection. Full power operation at high 50kW@40°C, 320kW@45°C. Lower Costs.

What is a UT inverter?

mitigate and recover from PID effects. Moreover, designed for harsh outdoor environments, the UT inverter is built to withstand extreme temperatures, with a wide operating range of -35°C to +60°C. With enhanced safety, optimal LCOE, and ensured cost-effectiveness, the high-performance UT inverter provides a future-ready solution.

320kw inverter maximum input current



Sungrow 320KW PV Inverter

Sungrow 320KW PV Inverter with 12/14/16 MPPT, 99.02% efficiency, 5-year warranty, and IP66 protection. Ideal for on-grid solar systems. Shop now for quality!, Alibaba

Winning the bid! China Resources Power Baise Tianyang ...

Chint Power's 320kW string inverter supports 12/15 MPPT tracking, with a maximum input current of 40A for each MPPT. The design current takes into account the 10% gain of bifacial ...



① PCS Module	⑥ OPV2 side circuit breaker
② Battery room	⑦ High Volt Box
③ Grid side circuit breaker	⑧ BAT side circuit breaker
④ Load side circuit breaker	⑨ LCD display screen
⑤ OPV1 side circuit breaker	⑩ MPPT



SG350HX

Jul 7, 2021 · HIGH YIELD Up to 16 MPPTs with max. efficiency 99% 20A per string, compatible with 500Wp+ module Data exchange with tracker system, improving yield

SP 350K INH

Dec 17, 2024 · SP-350K-INH_Datasheet
(3) - Free download as PDF File (.pdf),
Text File (.txt) or view presentation
slides online.



SUNGROW 320kW (295kW at 50 Degrees)

Jun 22, 2024 · 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 ...

????????????????SP-320K-H,??,??,??

Aug 14, 2023 · ?????????????SP-320K-H,?
?,?,?,?,?,?,?,????,inverter?????????,?????
????????????????,???? ...



Inverter Specifications and Data Sheet

2 days ago · The article provides an overview of inverter functions, key specifications, and common features



found in inverter systems, along with an
...

GoodWe Launches 320/350kW String Inverter ...

Sep 29, 2023 · The series offers options of 12 MPPTs and 15 MPPTs and boasts a maximum efficiency of 99.01%. With a maximum string input current of ...



PrimeVOLT Launches New Cutting-Edge 320kW Inverter at ...

Oct 23, 2023 · PrimeVOLT unveiled its latest innovation at the exhibition - a high-power 320kW three-phase grid-tied PV inverter. This powerhouse boasts an input voltage of up to 1,500Vdc, ...

320/350kW | Three Phase | 12/15 MPPTs

UT Series 320/350kW | Three Phase | 12/15 MPPTs fitability of utility-scale projects. Offering options of 12 MPPTs and 15 MPPTs, this series comes with a

maximum string input current of ...



Hopewind PV Products-Hopewind

Discover a diverse selection of PV string inverters at Hopewind, featuring utility inverters, C&I inverters and residential inverters. Access manuals, technical support, and detailed product ...

DS_HYX-S320K- HT_Datasheet_V1.0-2025_EN

Mar 4, 2025 · HYX-H320K-HT HYX-S320K-HT PV Input Max. Input Voltage Nominal Input Voltage Start-up Voltage MPPT Operating Voltage Range Max. Input Current Per MPPT Max. ...



UT Series , 1500V 320kW , 3-Phase , Multi-Tracker

Utility-Scale PV Inverter UT Series , 1500V 320kW , 3-Phase , Multi-Tracker. Engineered for large-scale solar farms, the UT Series delivers industry-leading



performance through:

320KW String Solar inverter High-efficiency power ...

Rated input voltage 1080V Maximum input current 450A Output (AC) Rated output power 320KW 33000W Maximum output current 254A Rated power grid voltage 3/PE,800V Rated ...



Sungrow Solar Inverter 320kw

Feature highlights: The Solar Inverter SG320HX by Sungrow, designed for grid-connected solar systems, features a max efficiency of 99.01%, MPP voltage range of 500V-1500V, and ...

SG350HX

Aug 1, 2022 · SG350HX Multi-MPPT String Inverter for 1500 Vdc System HIGH YIELD Up to 16 MPPTs with max. efficiency 99% 20A per string, compatible with 500Wp+ module Data ...



Giga 320K|Utility-Scale PV Inverter|Billion

With a maximum efficiency of 99.04%, the maximum DC input voltage is 1500V. Compatible with bifacial PV panel, featuring 6-way MPPT, intelligent air cooling, built-in AC/DC SPD protection, ...

250KW-320KW String Solar inverter High-efficiency power ...

Rated input voltage 1080V Maximum input current 450A Output (AC) Rated output power 320KW 33000W Maximum output current 254A Rated power grid voltage 3/PE,800V Rated ...



Unlocking the Power of Efficiency: GoodWe ...

Feb 24, 2025 · The series offers options of 12 MPPTs and 15 MPPTs and boasts a maximum efficiency of 99.01%. With a maximum string input current of ...

12.8V 100Ah



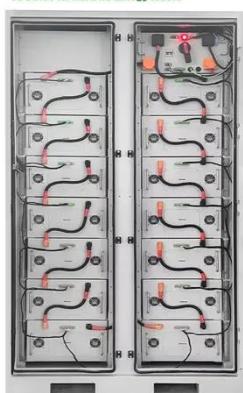
Sungrow 320kW PV-inverter , PDF , Alternating ...

Mar 16, 2024 · 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

...



To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100~215kWh High-capacity
- ✓ Intelligent Integration

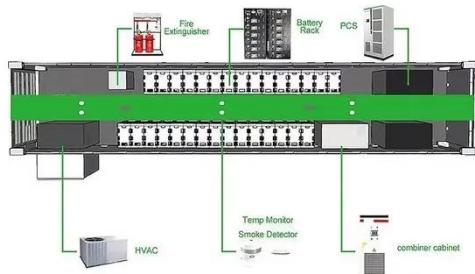
320kW photovoltaic inverter

2.5-6kW PV string inverter_ Residential inverters S5-GR1P (2.5-6)K series inverter is designed for residential PV plants. The maximum input current per string is 14A, which is compatible with ...

SolaX X3-GRAND HV Datasheet-En-V1

Jun 30, 2025 · 1 The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter 2 Input

voltage exceeding the MPPT voltage ...

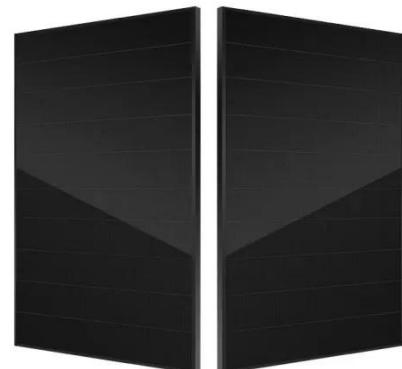


Unlocking the Power of Efficiency: GoodWe ...

Feb 24, 2025 · With a maximum string input current of 15/20A, it is compatible with bifacial modules, optimizing energy yields for power plants. The UT series ...

GoodWe Launches 320/350kW String Inverter ...

Sep 29, 2023 · With a maximum string input current of 15/20A, it is compatible with bifacial modules, optimizing energy yields for power plants. The UT series ...



String inverter 320KW Solar inverter High-efficiency power ...

Products Show Specification Product model SG320HX-20 Input (DC) Maximum input voltage 1500V Starting voltage 550V Rated input voltage 1080V

Maximum input current 450A Output ...



320kW String Photovoltaic Inverter China Factory

The 320kW String Photovoltaic Inverter is a three-phase solar inverter designed for outstanding energy conversion and management performance. The inverter aims to efficiently convert the ...



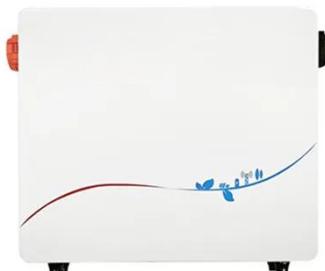
SP-350K-USH-String Inverter-Sineng Electric

String Inverter · Max. efficiency 99%, CEC efficiency 98.5% · 12MPPTs for tracking maximum PV power · Supports bifacial PV modules with max. PV ...

Giga 320K PV Inverter , Billion Watts

Giga PV Inverter BNI 320K H 5-year warranty, extendable to 20 years With a maximum efficiency of 99.04%, the maximum DC input voltage is 1500V.

Compatible with bifacial PV panel, ...



Jinlang 320kW three-phase string photovoltaic inverter

4 days ago · Ginlong Technology's 320kW three-phase string photovoltaic inverter, 1500V DC input and 800VAC output, aims to provide more cost-effective adaptation products for large ...

We're proud to power the Jiangsu Yongjin Metal PV Station ...

Aug 12, 2024 · We're proud to power the Jiangsu Yongjin Metal PV Station, featuring a 20MW solar capacity with 50 SOFAR 320kW inverters! ? Project Highlights: o 20MW Capacity - ...



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<https://www.wf-budownictwo.pl>