



Huijue inverter DC voltage range





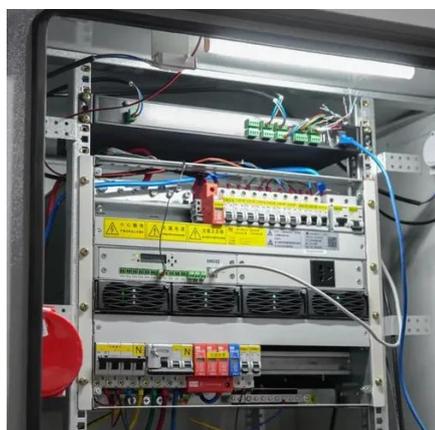
Overview

Wide Input Voltage Range: Operating within an 80V-550V range, it also allows for a start voltage of 100V so it is compatible with most types of solar modules.

HI30N/3KW and HI50N/5KW are pure sine wave photovoltaic off-grid home integrated inverters designed with the latest advanced full-digital controlled technology. It can provide super-high fast charging current and high-efficiency energy conversion and storage, which is more cost-effective, more. **Wide Voltage Range:** Handles input voltages from 500V to 850V for flexible design. **Grid Compliance:** Ensures smooth integration with global grid standards. **High Output Efficiency:** Delivers a maximum AC output power of 800W, ensuring highest energy conversion for your solar panels. **Integrated Monitoring:** Wi-Fi.



Huijue inverter DC voltage range



Huijue inverter operating voltage

Wide Input Voltage Range: Operating within an 80V-550V range, it also allows for a start voltage of 100V so it is compatible with most types of solar modules. It features a wide voltage input ...

Huijue Group Solar Inverters: A Reliable Assistant for Green Energy

Huijue solar inverters support a wide range of input voltages, making them compatible with various types of solar panels, allowing users to choose components flexibly.

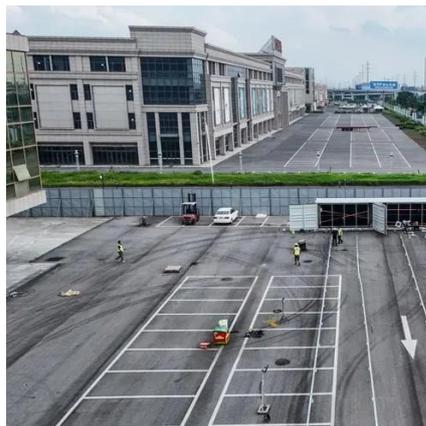


Huijue solar Inverter DC Voltage

Huijue Group 5KW Off Grid Inverter is a reliable, independent power solution converting low voltage DC power from batteries (12V, 24V, or 48V) into stable 220V AC.

Single-Phase Micro Inverter

Wide Input Voltage Range: Compatible with various DC input voltages, allowing easy support for varied PV modules. Plug-and-Play Installation: Equipped with an integrated AC bus cable, reducing ...



[Shanghai Huijue Technologies Group Co., Ltd\(Huijue Group\)](#)

Hybrid Functionality This system combines the grid, solar energy, and a battery storage system to provide continuous power support in off-grid environments



[Shanghai Huijue Technologies Group Co., Ltd\(Huijue Group\)](#)

Application Widely used in household power generation system, communication base station, border defense, highway bridge construction



[HJ-Series: 6kW to 19kW Three-Phase Grid-Tied Solar Inverter](#)

Wide Operating Window: A broad MPPT voltage range from 180V to 1000V allows the inverter to start early in the morning, shut down late in the evening, and maintain high performance even in low-light ...



Single-phase Hybrid Inverter 3-6kW



Wide Voltage Range: Featuring a broad MPPT (Maximum Power Point Tracking) voltage range, it is compatible with various types of solar panels, enhancing system versatility.



8kW Single Phase Off-Grid Solar Inverter

Wide Voltage Compatibility: With an MPPT voltage range of 90-450VDC, it is compatible with both standard and high-voltage solar panel strings, offering greater design flexibility and efficiency.

Off-Grid Solar Inverter

Bidirectional DC-DC provides fast charging with 80A. Ultra-wide photovoltaic input voltage range with high-efficiency MPPT charging and battery intelligent management system.





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