

8.2kW Hybrid Solar Inverter

This 8.2kW inverter is a pure sine wave hybrid solar inverter that supports both self-consumption and grid feed-in. It features dual PV input, dual AC output, and a color LCD display, and it can operate without a battery.



Overview

High-Efficiency Hybrid Solar Inverter

This 8.2kW hybrid solar inverter is designed for versatile and reliable energy management in both residential and commercial solar installations. It features a robust built-in 160A MPPT solar controller and supports wide PV input voltage ranges from 90-450VDC. With dual output capabilities and the ability to function without a battery, it offers flexible deployment options and optimized battery life management.

Performance Metrics

Rated Power Output

8.2 kW

Rated Capacity

160 A

MPPT Controller

Technical Specifications

Electrical Characteristics

- Pure sine wave output
- Wide PV input voltage range: 90-450VDC
- Dual output configuration
- Lithium battery automatic activation by PV

Features

Core Functionalities

Battery-free operation, One-key factory reset, Built-in anti-dusk kit, Smart battery charging optimization

Connectivity

Smart Controls

Touch button interface • WIFI Enabled • iOS Compatible • Android Compatible