



154V-275V Hybrid Inverter System 5kW To 10kW Intelligent Battery Management

Basic Information

- Place of Origin: China
- Brand Name: JEK
- Certification: CE
- Model Number: SC-CJAR
- Minimum Order Quantity: 20 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- AC Input Voltage Range: 154V-275V AC $\pm 5V$
- Output Power: 5kW To 10kW (depending On The Model)
- Battery Voltage: 12V, 24V, Or 48V DC (depending On The Model)
- Battery Charging Voltage: 54VDC, 13.75VDC, Or 27VDC (depending On The Model)
- Maximum PV Array Power: 800W To 3200W (depending On The Model)
- Solar Input Voltage Range: MPPT 60V-150VDC Or PWM 15V-105V (depending On The Model)
- Highlight: **275V Hybrid Inverter System,
154V Hybrid Inverter System,
10kW hybrid inverter with battery**



Product Description

Intelligent Battery Management for Various Battery Types Hybrid Inverters

Product Description:

This high-efficiency inverter series is designed for various solar energy systems, providing stable power conversion from DC to AC with a pure sine wave output. Available in multiple models, it supports input voltages ranging from 154V to 275V AC and offers output powers from 5kW to 10kW, making it adaptable to different energy demands. Its advanced MPPT solar charge controller ensures efficient solar power utilization, while the intelligent battery management system supports a variety of battery types, including lead-acid, gel, and lithium. With dual-frequency (50/60Hz) output and robust AVR function, this inverter series ensures stable power delivery even under fluctuating grid conditions. Ideal for residential and small commercial solar installations, it provides maximum energy efficiency and protection for your power systems.

Mag	JE6348 AH8	E04AA	Je100348A MB	1240A W	JE101 2AP5	E1512/24 AP5	JE2024 AMB	JE3024/48 AM8	Je502/48 AM6
AC Input voltage	220VAC(standard)				220VAC(standard)				
Input voltage range	154-264VAC±3V(Nor Model). 185-264VAC±3V(UPS Model) 175-285VAC±3V(AVRType)				154-275VAC±5V(Nor Model)				154-264VAC±3V(Nor Model) 185-264VAC±3V(Nor Model) 175-285VAC±3V(AVRType)
Input frequency	50/60HZ±5%				50/60HZ±5%				
Output power	6300VA 5000W	8000VA 6400W	10000VA 8000W	12500VA 10000W	1000VA 800W	1500VA 1200W	2000VA 1600W	2000VA 2400W	5000VA 4000W
AC model output Voltage	The output voltage under the mains is the same as the input voltage(with AVR function 220V±10%)				The output voltage under the mains is the same as the input voltage(with AVR function V10%)				
Battery model output frequency	The output frequency under the mains is the same as the input frequency				The output frequency under the mains is the same as the input frequency				
Battery model output voltage	220VAC±10%				220VAC±3%				
Battery model output frequency	50HZ OR 60HZ±1%				50HZ OR 60HZ±1%				
Battery model output wave	Pure sine wave				Pure sine wave				
Battery type	External lead-acid battery. Gel battery water battery or Lithium battery				External lead-acid battery, Gel battery. water battery or Lithium battery				
Battery voltage	48VDC				12VDC 12/24VDC 27/48VDC				
Battery charging voltage	54VDC				13.75VDC 13.75/27VDC				27/54VDC
Maximum PV array power	6400w				12V:800W 24V:1600W				24V:1600W 48V:3200W
Solar input voltage range	48V:MPPT 60V-150VDC				12V.PWM 15V-50VDC 24V.PWM 30V-105VDC				24V MPPT 30V-150VDC 48V MPPT 60V-150VDC
Maximum PV Display Open Circuit Voltage	150VDC				12V:PWM 50VDC 24V:PWM 105VDC 150V				
Maximum solar charging current	120A				60A				
Maximum AC Charge Current	29A 38A		48A	60A	19A 29A		19A	29A/15A	48A/24A
Battery charging voltage range	154-280VAC				154-275VAC±5V				

Transfer time	≤10ms(UPS)≤20ms(INV)	≤10ms	≤10ms(UPS)≤20ms(INV)
Load peak ratio	(MAX)3:1	(MAX)3:1	

Application:

This inverter series is perfect for solar energy storage systems in residential and commercial applications. It ensures seamless power conversion for off-grid and hybrid energy systems, making it suitable for homes, small businesses, and rural areas with inconsistent grid power. Its versatility in battery type support and wide voltage input range makes it an excellent choice for a variety of energy setups, including solar-powered irrigation systems, emergency power supplies, and backup energy storage.

Shipping Methods

Supports global air and sea shipping.



RICHGOOD ENERGY CO.,LTD



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou