

RHE12S3



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Product Feature

RHE series residential energy storage integrated system combines functions such as PCS, battery, BMS, MPPT and EMS into one unit. Optional PV panels and solar tracking system, ensuring intelligent management and operation, providing user site with the most efficient clean energy solution.



Integration

The integrated energy storage system facilitates a more convenient management and operation mode, enabling rapid installation and deployment.

Intelligent

The built-in EMS (Energy Management System) enables intelligent scheduling and management of household energy, supporting local one-touch control via HMI.

Remote

Access anytime, anywhere with the APP for remote energy monitoring, ensuring safety and efficiency, and supporting the one-click export of financial reports.



Peaking Shifting



Energy Cost Reduction



Uninterrupted Power Supply



Solar & Storage Integration

RHE12S3

Specification

System Output Parameters		RHE12S3		
Rated power (kVA/kW)				12/12
Frequency (Hz)				50
Phase (P)				3
Power factor (PF)				1
Voltage (AC.V)	380	400	415	
Current (AC.A)	18	17	17	

Battery Parameters	
Battery type	LiFePO4
Battery capacity (kWh)	20.48
Rated voltage (DC.V)	51.2
Charing/discharging rate	0.5C
Cooling method	Air-cooled

NOTE: Battery capacity can be expanded according to the need, please contact sales staff or local agent for details.

PV Input Parameters	
MPPT rated power (kWp)	16
Input voltage (DC.V)	150-850

Unit Parameters	
Protection class	IP54
Noise level (dBA@7m)	50
Dimensions (mm)	1600x800x1200
Dry weight (kg)	950
40' Loading (qty)	28

Optional Configuration

PV panels, solar tracking system (4.8kWp/7.2kWp)...

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