RHE25S3



Classified Document 2024.12.12











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.









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Phase (P) Phase (P) Phase (P) Power factor (PF) 1 Voltage (AC.V) 380 400 415 Current (AC.A) 38 36 35 Battery Parameters Battery type LifePO4 Battery capacity (kWh) 38.88 Rated voltage (DC.V) 288 Charing/discharging rate 0.5C Cooling method 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) 32 Input voltage (DC.V) 32 Input voltage (DC.V) 150-850 Unit Parameters Protection class IP54 Noise level (dBA@7m) 50 Dimensions (mm) 1950x1030x1500 Dry weight (kg) 1135 40' Loading (qty) 12 Optional Configuration PV panels, solar tracking system (4.8kWp/7.2kWp) Classified	System Output Parameters		RHE25S3		
Phase (P) 3 Power factor (PF) 1 Voltage (AC.V) 380 400 415 Current (AC.A) 38 36 35 Battery Parameters Battery Parameters Battery type LiFePO4 Battery capacity (kWh) 38.88 Rated voltage (DC.V) 288 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) 32 Input voltage (DC.V) 150-850 Unit Parameters Protection class IP54 Noise level (dBA@7m) 50 Dimensions (mm) 1950x1030x1500 Dry weight (kg) 1135 40' Loading (qty) 12 Optional Configuration PV panels, solar tracking system (4.8kWp/7.2kWp)	Rated power (kVA/kW)		25/25		
Power factor (PF) 1 Voltage (AC.V) 380 400 415 Current (AC.A) 38 36 35 Battery Parameters Battery type LiFePO4 Battery capacity (kWh) 38.88 Rated voltage (DC.V) 288 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) 32 Input voltage (DC.V) 150-850 Unit Parameters Protection class IP54 Noise level (dBA@7m) 50 Dimensions (mm) 1950x1030x1500 Dry weight (kg) 1135 40' Loading (qty) 12 Optional Configuration PV panels, solar tracking system (4.8kWp/7.2kWp)	Frequency (Hz)		50		
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Current (AC.A) 38 36 35 Battery Parameters Battery type	Power factor (PF)		1		
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PV panels, solar tracking system (4.8kWp/7.2kWp) Classified	40' Loading (qty)		12		
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