

Household Energy Storage System (Rack Mounted)

It is a high-quality inverter and intelligent device that integrates photovoltaic power generation and energy storage systems. It integrates core components such as photovoltaic modules, energy storage batteries, inverters, and control systems into a compact body, providing users with stable and clean power through efficient energy conversion and storage technology. This product can not only be used for household distributed photovoltaic power generation systems, but also widely applied in industrial, commercial, public facilities and other fields. This is an innovative work in the field of new energy in our company.



Product Core Highlights



Small size and light weight



The standard cycle life exceeds 5000 times



Accurately estimate the state of charge of the battery pack, that is, the remaining battery capacity, to ensure that the battery pack's power is maintained within a reasonable range



Screen direct inverter communication



Multiple parallel machines for easy expansion; Automatic addressing, no need to dial code



Easy installation, convenient operation and maintenance

HOUSEHOLD ENERGY STORAGE PRODUCTS



Product Model	UNC24V-220Ah	UNC48V-100Ah-R (电压可选51.2V)	UNC48V-200Ah-R (电压可选51.2V)
Rated Voltage (V)	25.6	48	
Rated Capacity (Ah)	210	105	210
Nominal energy level (kWh)	5.3	5	10
Working Voltage Range(V)	22.4-29.2	42-54.75	
Recommended Charging Voltage (V)	28	52.5	
Recommended Discharge Cut-off Voltage(V)	24	45	
Rated Charging Current(A)	100	50	100
Max. Continuous Charging Current (A)	200	100	200
Rated Discharging Current	100	50	100
Max, Discharging Current	200	100	200
Transparent temperature(°C)	-30~60 (recommend10~35)		
Allowable humidity range	0-95 No condensation		
Operating Ambient Temperature (°C)	-20~65 (recommend 10~35)		
Protection grade	IP20		
Cooling Concept	Natural air cooling/intelligent fan		
Cycle Life	80%DOD下5000+		
Dimension D*W*H (mm)	596X545X155	540X545X155	610X510X246
Weight (Kg)	48	44.5	88.3