

04 Residential Energy Storage Battery

Product Feature

- Intelligent operation, no manual intervention required
- Flexible configuration, free combination of power and energy
- PV & Energy integrated, access to PV MPPT to form a micro-grid system
- Intelligent air-conditioning management, more energy-efficient operation
- Dynamic expansion of capacity, free choice of AC-side parallel or DC-side parallel
- Fast switching between parallel and off-grid, the switching time is less than 10ms
- APP remote monitoring



Safety Design

Easy to control

Easy to installation

PRODUCT PERFORMANCE

Item Name	Parameters of JS40-86kWH/HV
Max. DC Input Power (W)	52000W
Max. DC Input Voltage (V)	1000V
Start-up Voltage (V)	180V
MPPT Range (V)	150-850V
Full Load DC Voltage Range (V)	360-850V
Rated DC Input Voltage (V)	600V
Battery Type	Li-Ion
Battery Voltage Range (V)	160-800V
Combination method	96S1P
Rated Capacity	Typical 280Ah, Minimum 278Ah
Factory Voltage	307.2-316.8V
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
Rated AC Output and UPS Power (W)	40000
Max. AC Output Power (W)	44000
AC Output Rated Current (A)	60.7/58
Max. AC Output Rated Current (A)	66.7/63.8
Max. Three-phase Unbalanced Output Current	70
Max. Continuous AC Passthrough (A)	150
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac
Grid Type	Three Phase
Max. Efficiency	97.60%
Euro Efficiency	97.00%
MPPT Efficiency	99.90%
Grid Regulation	"VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150"
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2

Stackable Module can be parallel connected up to 160kWh BESS system.