

Key Parameters of Distributed Energy Storage System--Single-phase Product (ZSPA-SH Series)

Key item	Key parameters
Rated power	3kW~6kW (=3kW,4kW,5kW,6kW available), 5kW product shows here
Battery rated voltage	51.2V
Rated Capacity	2.56kWh/Module * n (module q'ty n=1-6), 5kWh product shows here
Range of PV input voltage	Dual circuit, 120-550V, maximum PV input current of 12A for a single circuit
Adjustable power factor	-0.8~+0.8
Maximum AC output current	50A
AC output voltage	230V ; 180Vac-280Vac
Rated AC output frequency	50/60Hz
Maximum charge/discharge current	22A
Cycle life	>7000(0.5C, 25°C)
Protection level	IP65
Design life	Over 15 years
Certification	CE, IEC62109、62619, VDE, AS4777, AS/NZS 3100, CEI 0-21



Product features

Standard modular design: Battery module + central control module + inverter module;
 Flexible capacity expansion and power upgrading;
 Simple production and easy standardization;
 Low installation cost: Relatively lightweight modules;
 Intelligent protection design with configurable power down and power loss;
 Multiple electronic control failure interlocking protection design;
 Easy to understand;
 Easy to install: Easy to recognize;
 Easy to debug: Settings of series-parallel connection and region identification;
 Centralized location of after-sales maintenance: Inverter module & central control module;
 High security: No less than Level 9 security;
 First-class battery and electronic control verification in the industry: Safe and long service life.

Key Parameters of Distributed Energy Storage System--Triphase Product (ZSPA-TH Series)

Key item	Key parameters
Rated power	5kW,8kW,10kW,15kW, here show 5kW product
Battery rated voltage	51.2V*n (n = number of battery modules expanded)
Rated energy	=2.56kWh * n (n=2-8), here show 10kWh product
Range of PV input voltage	Dual circuit, 160-1,000V, maximum PV input current of 12A for a single circuit
Adjustable power factor	-0.8~+0.8
Maximum AC output current	50A (rated: 25A)
AC output voltage	230V/400V
Rated frequency	50Hz/60Hz
Maximum charge/discharge current	7.5A
Cycle life	>7000(0.5C,25°C)
Protection level	IP65
Design life	Over 15 years
Certification	CE, IEC62109、62619, VDE, AS4777, AS/NZS 3100, CEI 0-21



Product features

Standard modular design: Battery module + central control module + inverter module ;
 Flexible capacity expansion and power upgrading;
 Simple production and easy standardization;
 Low installation cost: Relatively lightweight modules;
 Intelligent protection design with configurable power down and power loss;
 Multiple electronic control failure interlocking protection design;
 Easy to understand;
 Easy to install: Easy to recognize;
 Easy to debug: Settings of series-parallel connection and region identification;
 Centralized location of after-sales maintenance: Inverter module & central control module;
 High security: No less than Level 9 security;
 First-class battery and electronic control verification in the industry: Safe and long service life.