



## Distributed PV-ESS Solution

Zonergy offers solutions for the distributed Photovoltaic Energy Storage System, including Zonergy-made Solar panels, Energy Storage Inverters, Lithium Battery Modules, and WiFi stick, to store the surplus energy from solar power generation. Our solution not only keeps the darkness away from your family when power outage, but also save extra on your electricity bill.

Zonergy selects high-class core components, applies brilliant electrical and structural design, continues the concept of standardized modules, and realizes flexible expansion of nominal capacity and power. Meanwhile, Zonergy uninterruptedly investigates the product application scenarios and configures the 9-Level Safety Protection design to build a high-security, high-performing, and easy-to-install Energy Storage System.



Standard modular design



Flexible expansion of battery modules



Controllable Intelligent protection design for power failure and power loss



Multiple electronic control failure interlock protection design



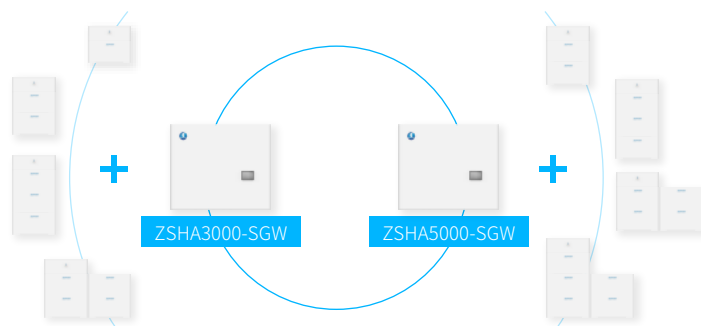
High level of security



Industry-leading long life battery configuration

## Inverter Technical Specification

Model	ZSPA3000-SGW/ZSPA5000-SGW		
Max. PV Input Current	12A	Max.AC Output Current	16A / 22A
MPPT Number	2	Max.PV Input Voltage	550V
MPPT Voltage Range	150-550V	Power Factor	1 (Adjustable from 0.8leading to 0.8 lagging)
Start Up DC Voltage	150V	Dimension (W×D×H)	660*200*640mm 547*170*516mm
Max. charging/ Discharging Current	66A	Weight	27kg
Phase	Single Phase	Grid Regulation	CEI0-21,VDE-AR-N 4105,G83/G59, VDE0126-1-1,AS4777,AS/NZS 3100
Rated Voltage Rated Frequency	230V 50/60Hz	Safety	IEC 62109-1&-2,IEC62040-1
Warranty	5 Years	EMC	EN61000-6-1/2/3/4 EN61000-4-16/18/29



## Battery Module Technical Specification

Model	ZSPP2560	ZSPP5000	ZSPP7500	ZSPP010k	ZSPP013k
Battery Module	1	2	3	4	5
Battery System Capacity	2.56kWh	5.12kWh	7.68kWh	10.24kWh	12.8kwh
Battery Chemistry	LFP				
IP Protection	IP65				
Dimensions (W / H / D)	660*480*200	660*740*200	660*100*200	1320*740*200	1320*100*200
Weight	42kg	74g	106kg	138kg	170kg
Warranty	10 Years				
Single module DC voltage range	46-56.5V				
Operating Temperature Range	discharge -20~55℃ ; charge 3~55℃				
Deep Of Discharge	90%				
Cycle Life	≥8000				
Max.charging/ Discharging Current	25A	50A	75A	100A	125A