



• Advantage



High Energy Density

The maximum capacity of a single tower can reach 30kWh



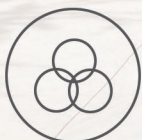
Over-long Warranty

7 years / 10 years optional warranty



Easy Installation

Stacked design for easy installation and expansion



Wide Compatibility

Compatible with a wide range of inverter brands



Proven Safety

Advanced BMS and LFP cells ensure system with highest safety



Scalability

Support up to 4 towers parallel connection, realize maximum 120kWh capacity

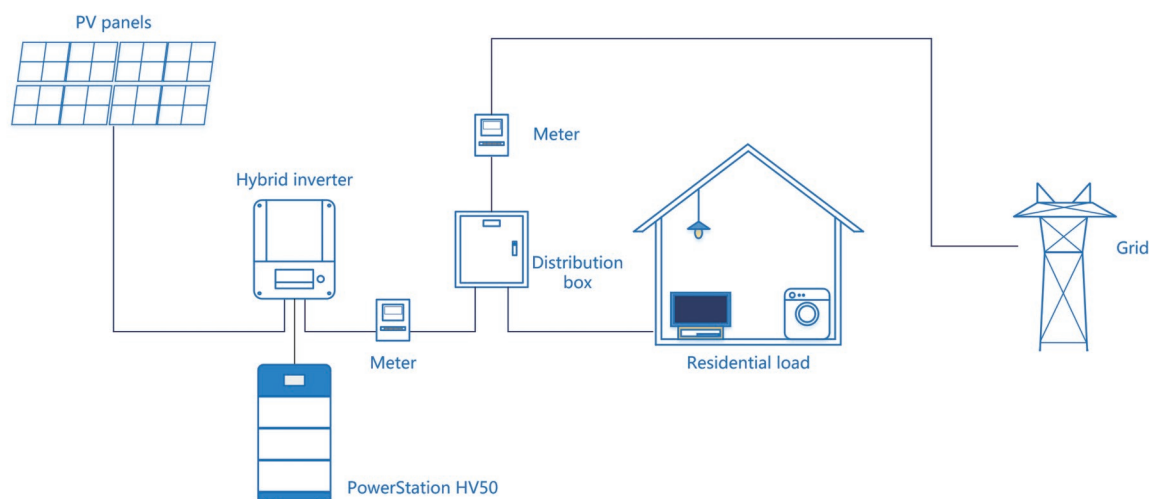
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• Run topology / Basic parameters



PARAMETERS

PS-HV50

Number of Battery Modules	1	2	3
Nominal Voltage (V)	102.4	204.8	307.2
Nominal Energy (kWh)	5.12	10.24	15.36
Operating Voltage Range (V)	86.4~113.6	172.8~227.2	259.2~340.8
Standard Charging Current (A)	25	25	25
Standard Discharging Current (A)	25	25	25
Max. Output power (kW)	5	10	15
Dimension (W×D×H, mm)	520×330×512	520×330×752	520×330×992
Weight (kg)	72	118	164
Number of Battery Modules	4	5	6
Nominal Voltage (V)	409.6	512.0	614.4
Nominal Energy (kWh)	20.48	25.60	30.72
Operating Voltage Range (V)	345.6~454.4	432~568	518.4~681.6
Standard Charging Current (A)	25	25	25
Standard Discharging Current (A)	25	25	25
Max. Output power (kW)	20	25	30
Dimension (W×D×H, mm)	520×330×1232	520×330×1472	520×330×1712
Weight (kg)	210	256	302
General			
Design Life	10+ years / 6000 cycles		
IP Class	IP54		
Communication method	CAN/RS485/Ethernet		
Compatible inverters	GOODWE/Growatt/Megarevo/Sofar and more brands to be announced		
Operation Temperature	Charging: 0~45℃ Discharging: -10~50℃		