



• Advantage



High Energy Density

Light and thin design, more suitable for wall-mounted installation



Over-long Warranty

7 years / 10 years optional warranty



Full Available Capacity

Support 100% DOD operation



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 parallel connection, realize 3kWh-28kWh capacity coverage

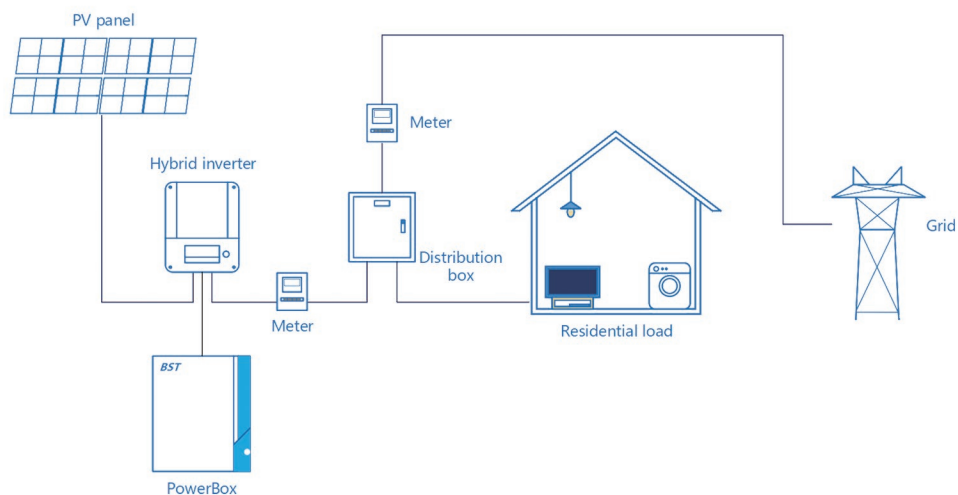
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• Run topology / Basic parameters



PARAMETERS		PB-3kWh	PB-5kWh	PB-7kWh
Electrical	Nominal Voltage (V)	51.2	51.2	51.2
	Nominal Capacity (Ah)	60	100	136.8
	Nominal Energy (kWh)	3	5	7
	Operating Voltage Range (V)	44~56.8	44~56.8	44~56.8
	Standard Charging Current (A)	30	50	50
	Standard Discharging Current (A)	30	50	50
	Max. Continues Output power (kW)	3	5	5
Protection	Over Charge	✓	✓	✓
	Over Discharge	✓	✓	✓
	Over Current	✓	✓	✓
	Reverse Connection	✓	✓	✓
	Short Circuit	✓	✓	✓
	Temperature	✓	✓	✓
Physical	Dimensions (WDH, mm)	523×153×679	565×212×650	662×202×717
	Weight (kg)	43	52	87
Others	Communication	RS485/CAN/WIFI/BLE		
	Scalability	up to 4 in parallel		
	Charging Temperature	0~45℃		
	Discharging Temperature	-20~50℃		
	Design Life	10+ years		
	Cycle Life	>6000		
	Certification	UN38.3 CE RoHS IEC62619		
Compatible Inverters		Deye/GOODWE/Growatt/Sofar/Solis/Victron/Voltronic and more brands to be announced		