

HIGH-VOLTAGE RESIDENTIAL BATTERY

BATTERY

BHF-S10/S15/S20/S25/S30

Model	BHF-S10	BHF-S15	BHF-S20	BHF-S25	BHF-S30
Technical Properties	4708,723	CONTESTING	1790224	1705-721 1705-721	
Nominal Voltage	204.8V	307.2V	409.6V	512V	614.4V
Operating Voltage Range	172.8V-230.4V	259.2V-345.6V	259.2V-345.6V	432V-576V	518.4V-691.2V
Battery Module	102.4V 50Ah 5.12kWh				
Number of Modules	2	3	4	5	6
Total Energy	10.2kWh	15.4kWh	20.5kWh	25.6kWh	30.7kWh
Usable Energy	9.2kWh	13.8kWh	18.4kWh	23.0kWh	27.6kWh
Rated Capacity	50Ah				
Nominal Power	5.1kW	7.7kW	10.2kW	12.8kW	15.4kW
Max. Power	9.8kW	14.7kW	19.7kW	24.6kW	29.5kW
Rated Charge/Discharge Current	25A				
Max. Charge/Discharge Current	48A				
Cycle Life	6000 Cycles[1]				
Operating Temperature Range	Charge: 0°C to 55°C / Discharge: -20°C to 55°C				
Storage Temperature	-20°C to 55°C				
Operating Humidity	5% - 95%				
Operating Altitude	Below 4000m				
Protection Degree	IP65				
Installation Location	Wall-mounted / Ground-mounted				
Battery to Inverter Communication	CAN				
			CAN		
Battery to Battery/BMS			CAN		
Battery to Battery/BMS Certificate		CE,		1000	
		CE,	CAN	1000	
Certificate	870*878.5*208.7	CE, 870*1167*208.7	CAN	870*1167*208.7 870*778*208.7	870*1167*208.7 870*1067*208.7

^{[1]:} Test conditions: 0.5C Charge/0.5C Discharge, @25°C, 90% DOD, 70% EOL.