

25.6V50Ah/100Ah/200Ah

Specification

Model	LFP25.6V50AH G1/G2/G3	LFP25.6V100AH G1/G2/G3	LFP25.6V200AH G1/G2/G3
Cell and Connection	3.2V50Ah, 1P8S	3.2V104Ah, 1P8S	CB54173200EA-205Ah, 1P8S
Nominal Voltage [V]	25.6	25.6	25.6
Nominal Capacity [Ah]	50	100	200
Total Energy [Wh]	1280	2560	5120
Max. Charging Current [A]	50	100	150
Recommended Charging Current [A]	25	50	100
Charging Voltage [V]	28.4~29.2	28.4~29.2	28.4~29.2
Max. Discharging Current [A]	50	100	150
End of Discharge Voltage [V]	22.4	22.4	22.4
Operating Temperature Range	G1: Charge: 0 ~ +50°C; Discharge: -20 ~ +55°C G2&G3: Charge: 0 ~ +50°C; Discharge: -20 ~ +55°C G2&G3 With Heater: Charge/Discharge -20~+55°C		
Protection	Over charge, Over discharge, Over temperature, Low Temperature, Over Current, Short circuit		
Cycle Life ¹	>2000 cycles >4000 cycles	>3500 cycles	>3500 cycles
Designed Calendar Life	10 Years		
Communication Port	G1&G2:N/A; G3:RS485; CAN		
LED Indicator and Button	G1:NA; G2&G3: SOC, ALM, RUN, ON/OFF		
Dimension (W*D*H, mm)	330*172*214	522*240*219	522*240*219
Weight [Kg]	11	20.5	38.5
Operation Humidity	0~95% RH (No condensing)		
IP Class	G1&G2:IP65; G3:IP30		
Parallel Support ²	Yes, Max, 4Sets		
Series Support	Yes, Max. 2 Sets		
Certification-Cell	2000 cycles life cell: UN38.3 4000 cycles life cell: UN38.3; UL1973	UN38.3; ROHS; IEC62619; UL1973; UL9540A	UN38.3; ROHS;UL2580
Certification-Battery	UN38.3; MSDS; CE;		
Optional Parts	G1: Internal Bluetooth Module G2:Internal Bluetooth Module, Heater G3:Internal Bluetooth Module, Heater,External Bluetooth Module,External Display Module,RS485-USB Device		

Note:

(1) 0.5C/0.5C, 25°C, 80%DOD to 80% of initial capacity.

(2) For parallel and series connection, refer to user manual.