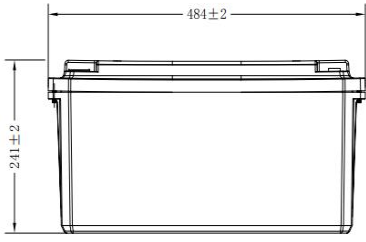
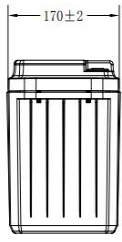




LITHIUM IRON PHOSPHATE ENERGY STORAGE BATTERY

MODEL: CNLFP200-12.8

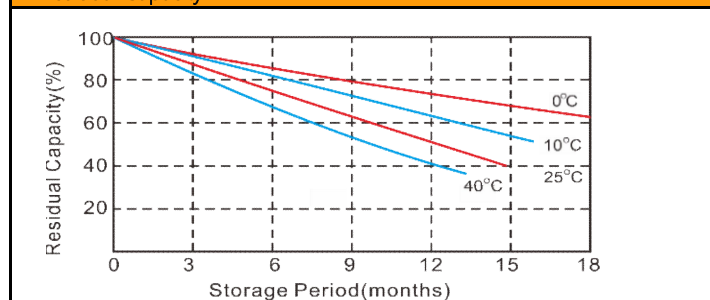
NO: 302150061-2023002420

Container Color	PANTONE	Plane Chart:
	3516C Black C	  
	Terminal type LC5	
	120 A BMS	
	20230914 Time	
	CE UN38.3	
Function	(NO) Digital Display (NO)Bluetooth	Product Size: 484*170*241 (mm)

Parameter Chart:

Rated Voltage	12.8	V
Rated Capacity(25°C)	200	Ah
Series & Parallels	4 ~ 2	S/P
Voltage Range	9.2 ~ 14.6	V
Rated Energy	2560	Wh
Maximum Discharge Current	120	A
Maximum Charge Current	120	A
Discharge cut-off voltage	≥ 9.2	V
Charge voltage	14.6	V
Cycle life(@25°C ,100%DOD)	≥ 4000	Cycle
Float Voltage	13.6 ~ 13.8	V
Operating humidity	60 ± 25%	R.H.
Certified	CE/UN38.3	
Communication	/	
Total Weight	Approx. 18.50 ± 1.00	Kg
Operating temperature	Charging 0 ~ 45°C Discharging -10 ~ 50°C	

Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

Time(h)	1.67	3.33	6.67	8.33	13.33	16.67	25.00	33.33
Current (A)	120.00	60.00	30.00	24.00	15.00	12.00	8.00	6.00

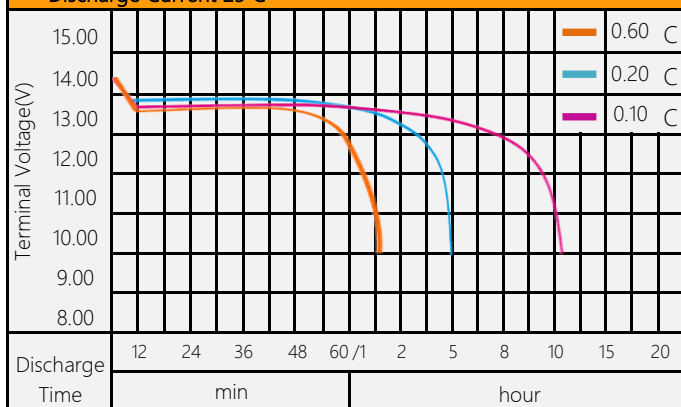
Constant Power Discharge Characteristics (Watt, 25°C)

Time(h)	1.67	3.33	6.67	8.33	13.33	16.67	25.00	33.33
Watt (W)	1536.00	768.00	384.00	307.20	192.00	153.60	102.40	76.80

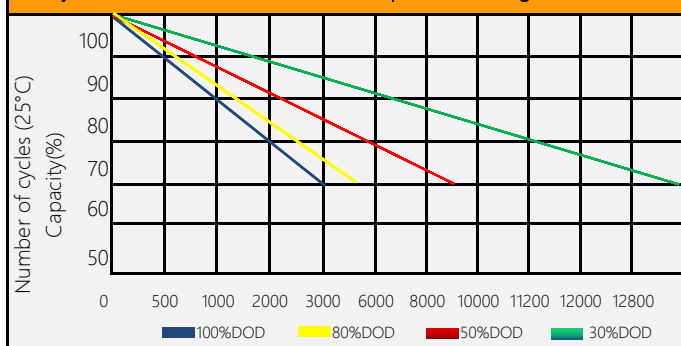
Capacity Factors With Different Temperature

Discharge	-20	-10	0	10	20	25	30	40	50	55	60
	30%	50%	75%	90%	100%	100%	100%	98%	97%	96%	95%

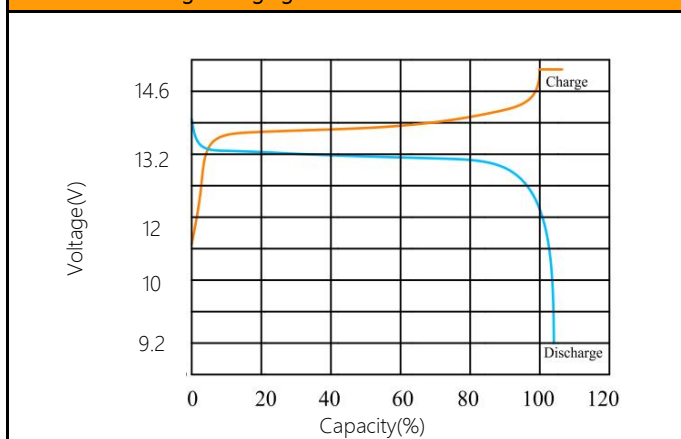
Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Constant voltage charging characteristics



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

QGLLFP1212812