



LITHIUM IRON PHOSPHATE ENERGY STORAGE BATTERY

MODEL: CNLFP200-25.6(DS)

NO.: 302150061-201400013

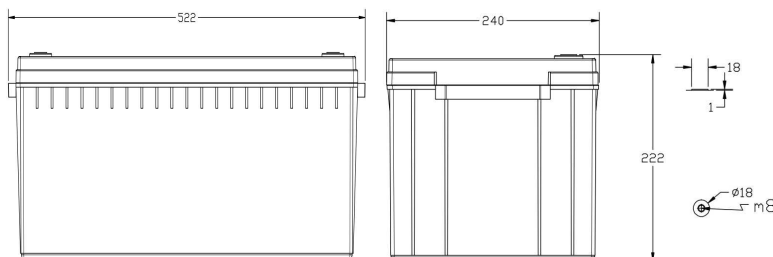
Container Color

PANTONE

Plane Chart:



	3516C
	Black C
Terminal type	LC5
120 A	BMS
20230427	Time
CE	
UN38.3	



Function

(Yes) Digital Display

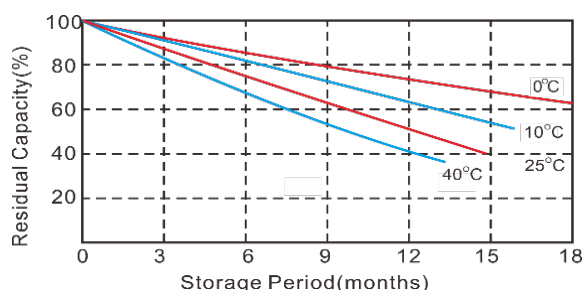
(ON)Bluetooth

Product Size: 522*240*222 (mm)

Parameter Chart:

Rated Voltage	25.6	V
Rated Capacity(25°C)	200	Ah
Cell Rated Voltage	3.2	V
Voltage Range	18.4 ~ 29.2	V
Rated Energy	5120	Wh
Maximum Discharge Current	120	A
Maximum Charge Current	120	A
Discharge cut-off voltage	≥ 18.4	V
Charge voltage	29.2	V
Cycle life(@25°C ,100%DOD)	≥ 2000	Cycle
Float Voltage	27.2 ~ 27.6	V
Operating humidity	60 ± 25%	R.H.
Certified	CE/UN38.3	
Communication	/	
Total Weight	Approx. 36.70	Kg(±1.5)
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)	120.0	60.0	30.0	24.0	15.0	12.0	8.0	6.0

Constant Power Discharge Characteristics (Watt, 25°C)

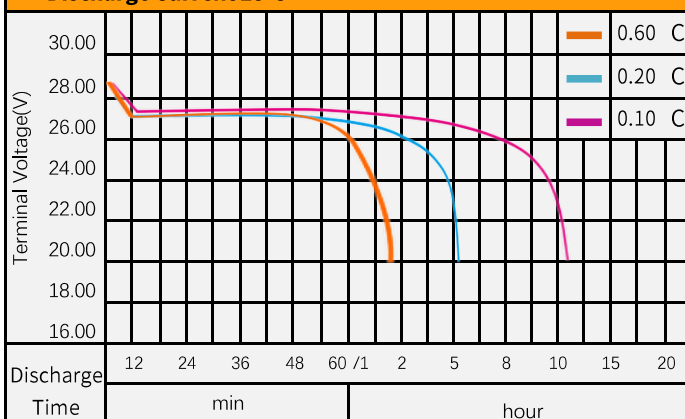
Time(h)	1.67	3.33	6.67	8.33	13.33	16.67	25.00	33.33
Watt (W)	3072.0	1536.0	768.0	614.4	384.0	307.2	204.8	153.6

Capacity Factors With Different Temperature

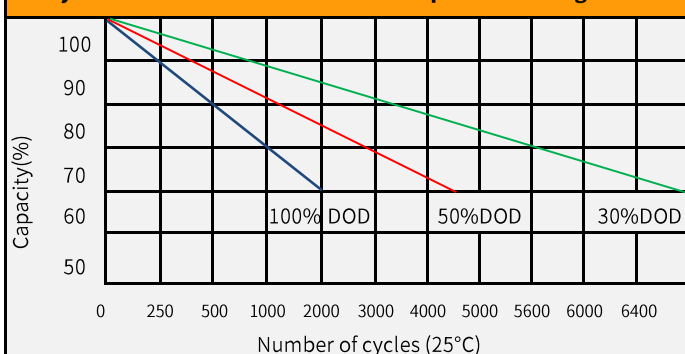
Discharge	-20	-10	0	10	20	25	30	40	50	55	60
	30%	50%	75%	90%	100%	100%	100%	98%	97%	96%	95%

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

Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Constant voltage charging characteristics

