



LITHIUM IRON PHOSPHATE ENERGY STORAGE BATTERY

MODEL: CNLFP100-25.6(DS)

NO.: 302150061-201400011

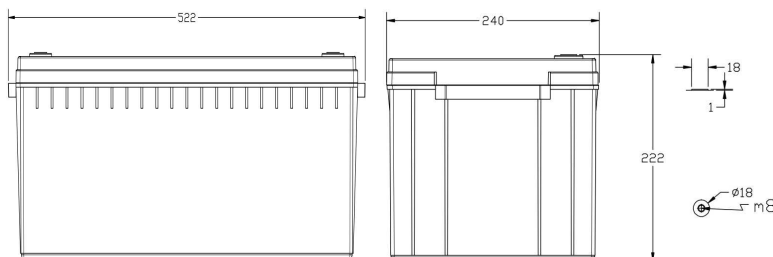
Container Color

PANTONE

Plane Chart:



	3516C
	Black C
Terminal type	LC5
100 A	BMS
20230426	Time
CE	
UN38.3	



Function

(Yes) Digital Display

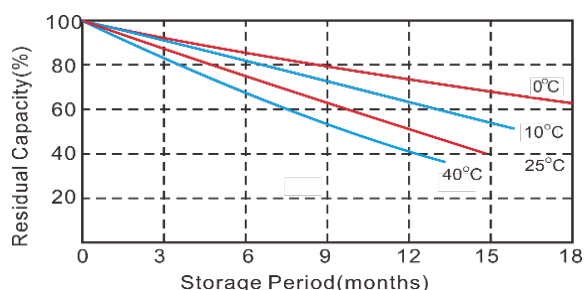
(ON)Bluetooth

Product Size: 522*240*222 (mm)

Parameter Chart:

Rated Voltage	25.6	V
Rated Capacity(25°C)	100	Ah
Cell Rated Voltage	3.2	V
Voltage Range	18.4 ~ 29.2	V
Rated Energy	2560	Wh
Maximum Discharge Current	100	A
Maximum Charge Current	100	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. 20.20	Kg(±1.1)
Operating temperature	Charging 0 ~ 45°C Discharging -10 ~ 50°C	

Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

Time(h)	1.00	2.00	4.00	5.00	8.00	10.00	15.00	20.00
Current (A)	100.0	50.0	25.0	20.0	12.5	10.0	6.7	5.0

Constant Power Discharge Characteristics (Watt, 25°C)

Time(h)	1.00	2.00	4.00	5.00	8.00	10.00	15.00	20.00
Watt (W)	2560.0	1280.0	640.0	512.0	320.0	256.0	170.7	128.0

Capacity Factors With Different Temperature

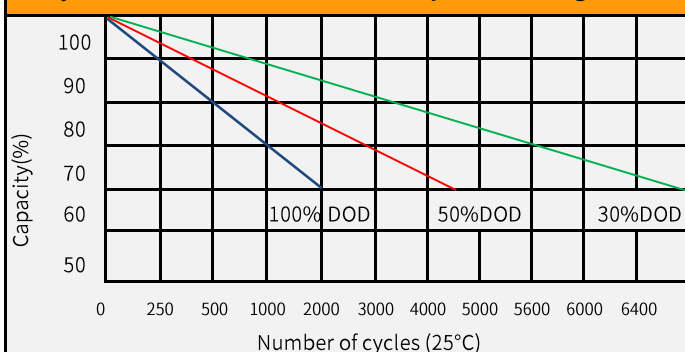
Discharge	-20	-10	0	10	20	25	30	40	50	55	60
	30%	50%	75%	90%	100%	100%	100%	98%	97%	96%	95%

★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

