



ENERGY STORAGE LITHIUM BATTERY - ENERGY STORAGE SERIES

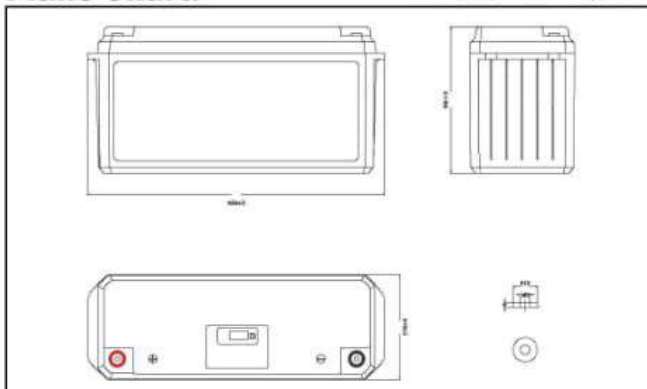
MODEL: CNLFP200-12(DS)

NO.:



Plane Chart:

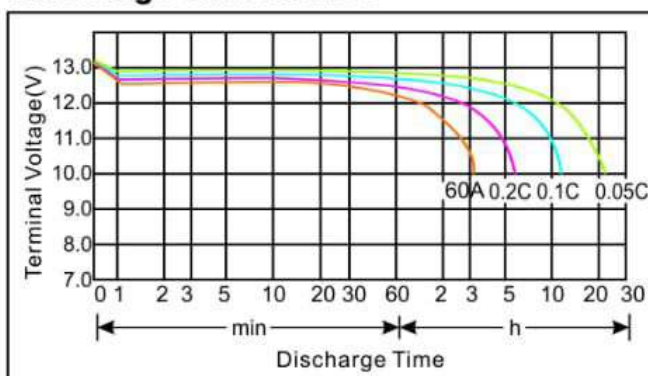
Unit:(mm) Terminal type:(T3)



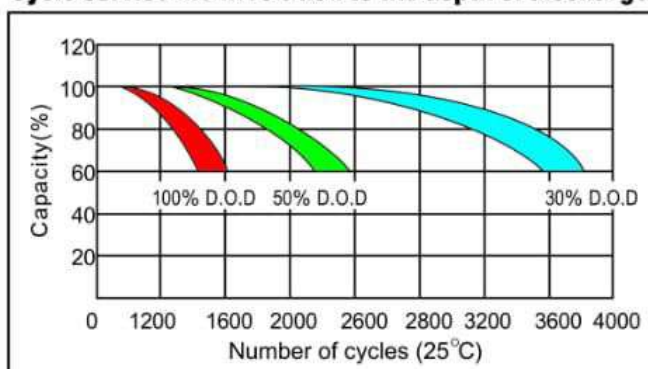
Parameter Chart:

Volts		12V
Capacity(25°C)	10 hours rate (20A)	200Ah
Internal Resistance	Full Charged Battery 25°C	≤ 18mΩ
Capacity Affected By Temperature	40°C	101%
	25°C	100%
	0°C	93%
	-20°C	73%
Residual Capacity (25°C)	Capacity After 3 Months Storage	87%
	Capacity After 6 Months Storage	74%
	Capacity After 12 Months Storage	50%
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 50A Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Discharge Current (25°C)	60A(Max. continuous); 90A(5 Seconds)	
Weight (Approx)		23Kg

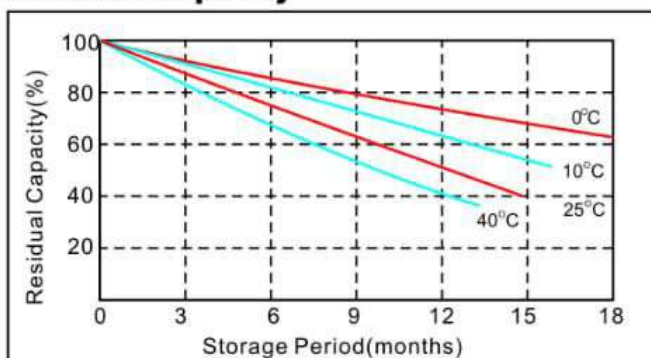
Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	2h	3h	4h	5h	8h	10h	20h	60h
10V	100	66.7	50	40	25	20	10	3.3

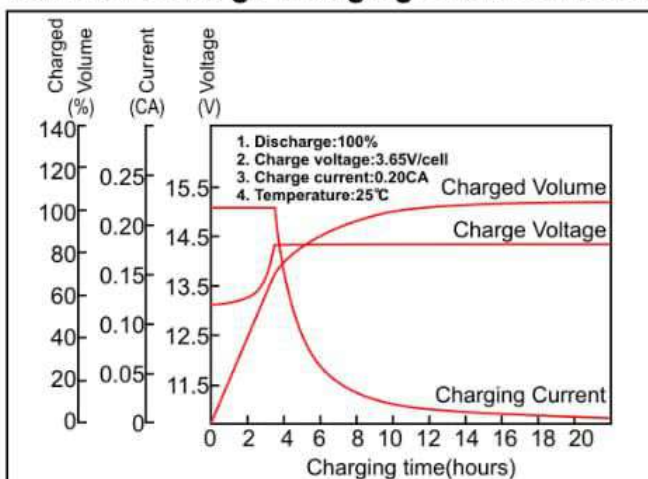
Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	2h	2.8h	4h	5.6h	7h	11h	13h	27h
10V	1200	900	600	450	360	225	192	96

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Li Battery	12V	73%	82%	93%	95%	97%	100%	100%	100%	101%	102%

Constant voltage charging characteristics



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