



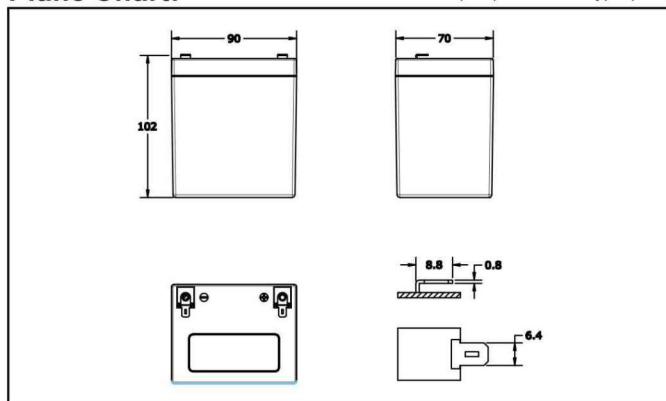
MODEL: PTL125



Container Color
■ Black C

Plane Chart:

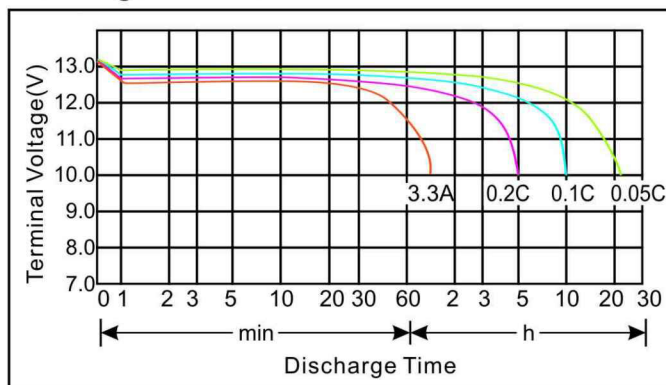
Unit:(mm) Terminal type:(LC1)



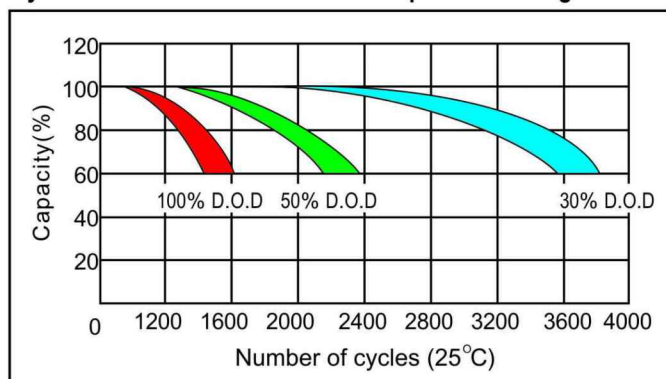
Parameter Chart:

Capacity(25°C)		10 hours rate (0.5A)	5Ah
Internal Resistance		Full Charged Battery 25°C	≤50mΩ
Capacity Affected By Temperature	40°C		101%
	25°C		100%
	0°C		93%
	-20°C		65%
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 5A Voltage 14.4~14.6V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Discharge Current (25°C)	5A (Max. continuous);		
Weight (Approx)		0.73Kg	

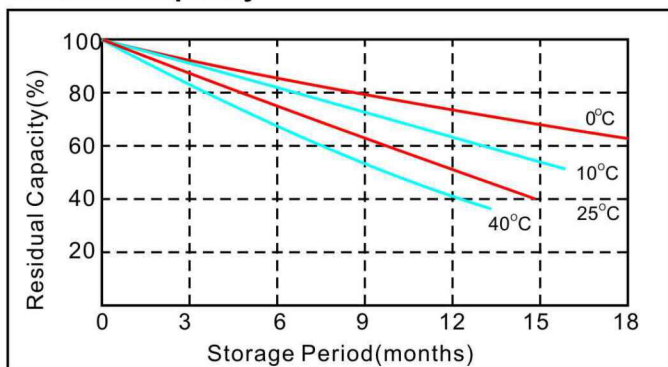
Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	1h	1.5h	2h	3h	5h	8h	10h	21h
10V	4.9	3.3	2.5	1.67	1	0.63	0.5	0.25

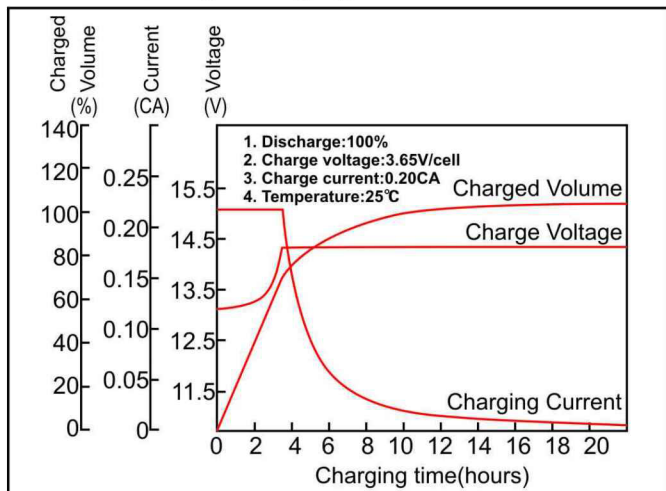
Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	1h	1.5h	2h	3h	5h	8h	10h	21h
10V	58.8	40	30	20	12	7.5	6	3

Capacity Factors With Different Temperature

Battery Type	12V	-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Li Battery	12V	65%	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.