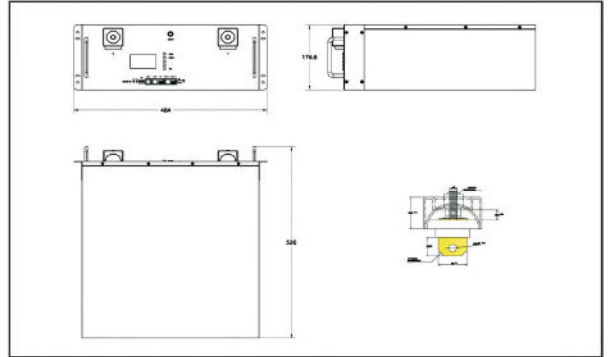




Container Color  
■ Black C

**Plane Chart:**

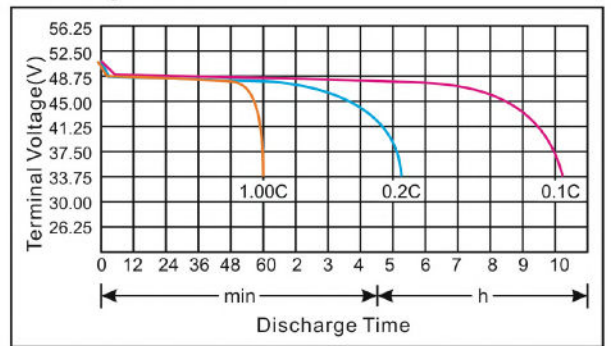
Unit:(mm) Terminal type:(TC1503-4U)



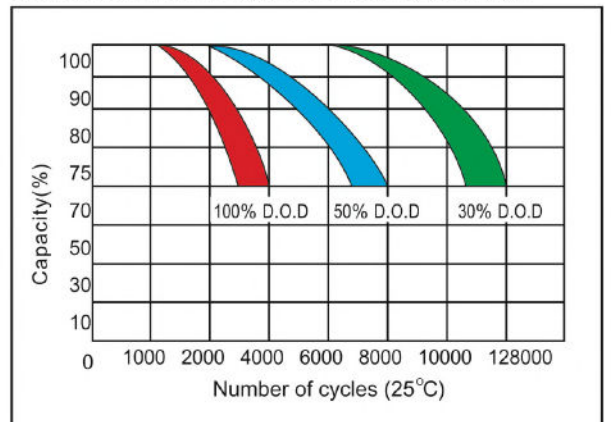
**Parameter Chart:**

Volts		51.2V	
Capacity(25°C)	10 hours rate (10A)	100Ah	
Internal Resistance	Full Charged Battery 25°C	≤30mΩ	
Capacity Affected By Temperature	60°C	≥98%	
	25°C	≥100%	
	0°C	≥75%	
	-10°C	≥50%	
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) (25°C)	Standard Current 0.2C	20	
	Max.Current 0.5C	50	
	Max.Voltage	54~54.75	
	Float Voltage	51~51.75	
Discharge Current (25°C)	Standard Current 0.25C	25	
	Max.Current 1C	100	
Weight (Approx)		47.5Kg	

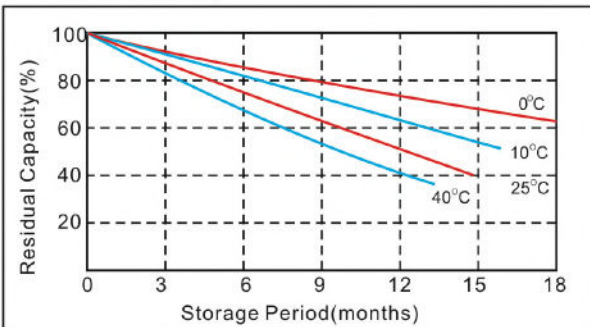
**Discharge Current 25°C**



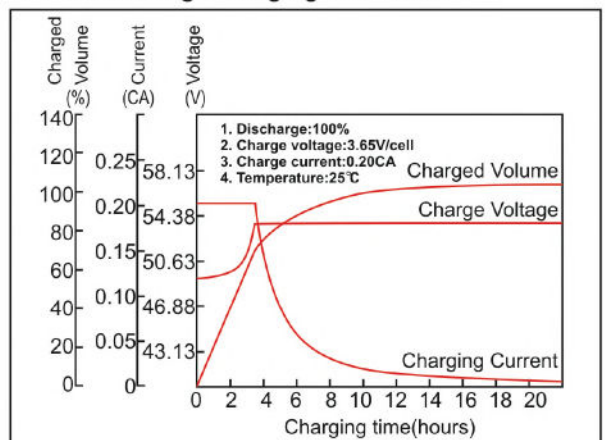
**Cycle service life in relation to the depth of discharge**



**Residual Capacity**



**Constant voltage charging characteristics**



**Constant Current Discharge Characteristics (A, 25°C)**

H/V/A	1.00	3.00	5.00	8.00	10.00	15.00	20.00	30.00
34.50	100.00	33.33	20.00	12.50	10.00	6.67	5.00	3.33

**Constant Power Discharge Characteristics (Watt, 25°C)**

H/V/A	1.00	3.00	5.00	8.00	10.00	15.00	20.00	30.00
34.50	4800.0	1600.0	960.0	600.0	480.0	320.0	240.0	160.0

**Capacity Factors With Different Temperature**

Discharge	-20°C	-10°C	0°C	5°C	10°C	15°C	20°C	25°C	30°C	40°C	60°C
		30%	50%	75%	85%	90%	99%	100%	100%	100%	99%

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