

MODEL: SBMT51.2LI200

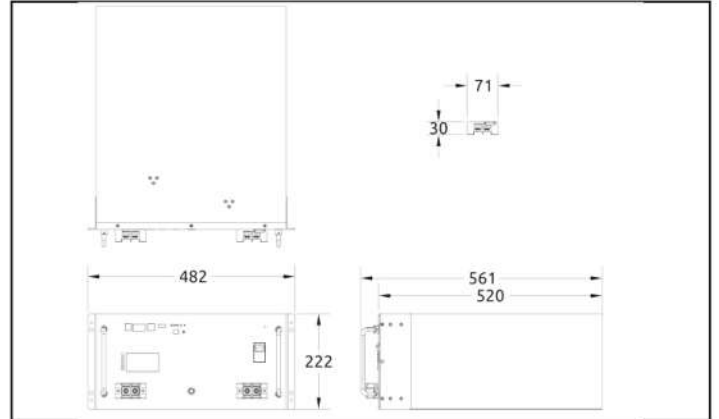
NO.:IFP54173148



Container Color
■ Black C

Plane Chart:

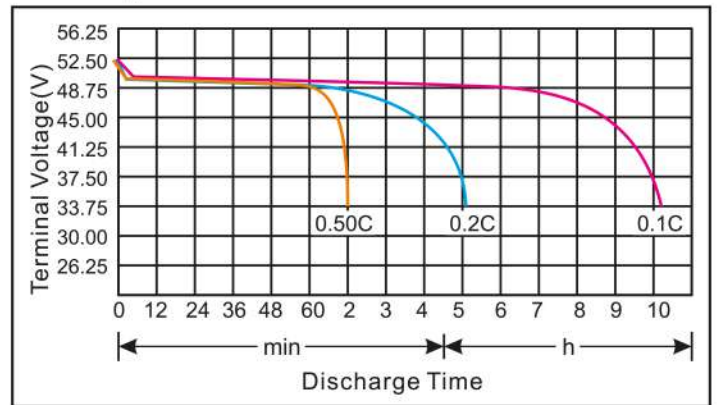
Unit:(mm) Terminal type:(TC1503-5U)



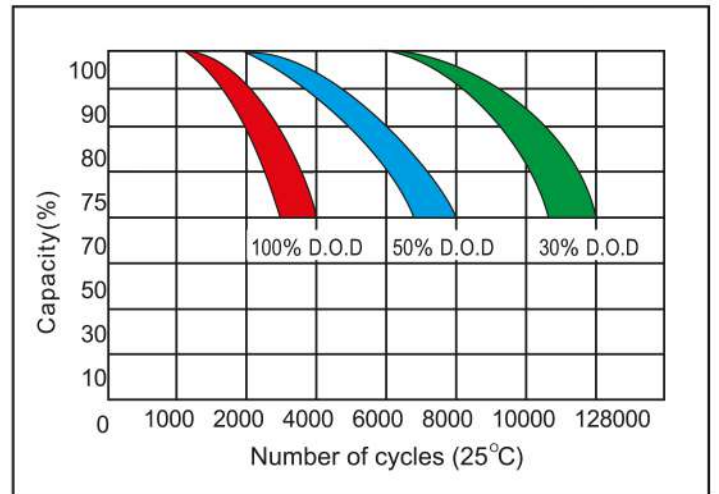
Parameter Chart:

Volts		51.2V	
Capacity(25°C)	10 hours rate (20A)	200Ah	
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	40	
	Max.Current 0.5C	100	
	Max.Voltage	54~54.75	
	Float Voltage	51~51.75	
Discharge Current (25°C)	Standard Current 0.25C	50	
	Max.Current 1C	100	
Weight (Approx)		75Kg	

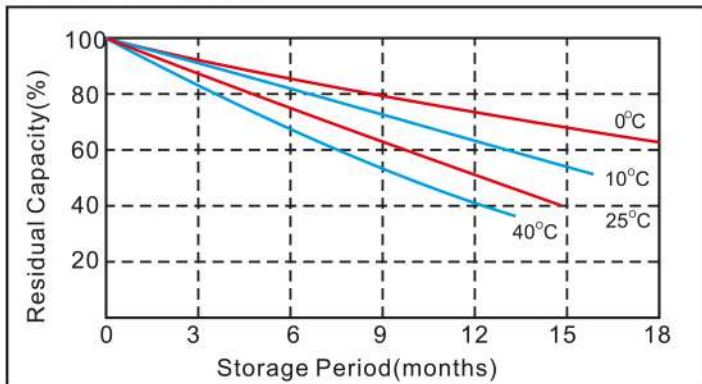
Discharge Current 25°C



Cycle service life in relation to the depth of discharge



Residual Capacity



Constant Current Discharge Characteristics (A, 25°C)

H/V/A	2.00	3.00	5.00	8.00	10.00	15.00	20.00	30.00
	34.50	100.00	66.67	40.00	25.00	20.00	13.33	10.00
								6.67

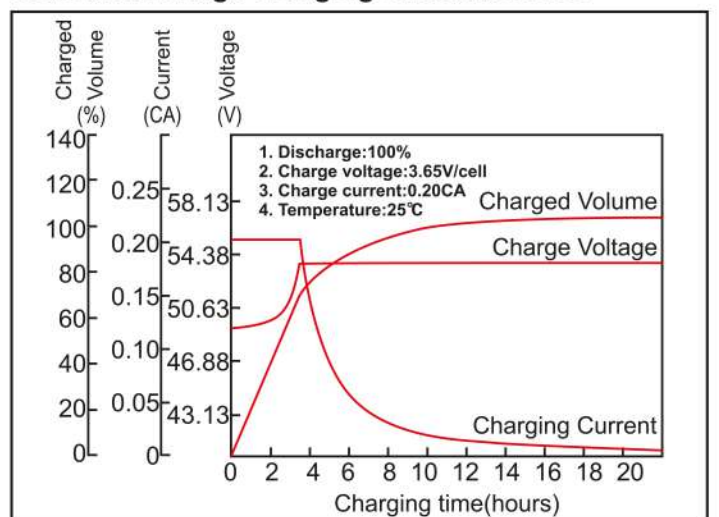
Constant Power Discharge Characteristics (Watt, 25°C)

H/V/A	2.00	3.00	5.00	8.00	10.00	15.00	20.00	30.00
	34.50	4800.0	3200.0	1920	1200	960.0	640.0	480.0
								320.0

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%

Constant voltage charging characteristics



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