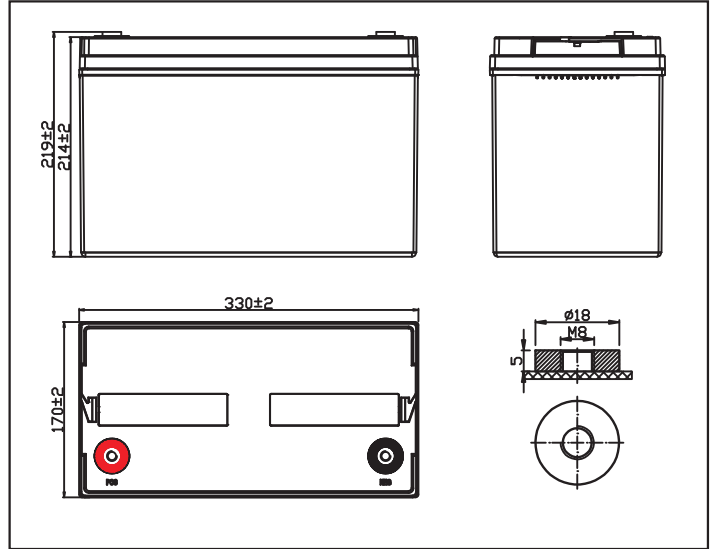


MODEL: OT100-12



Plane Chart:

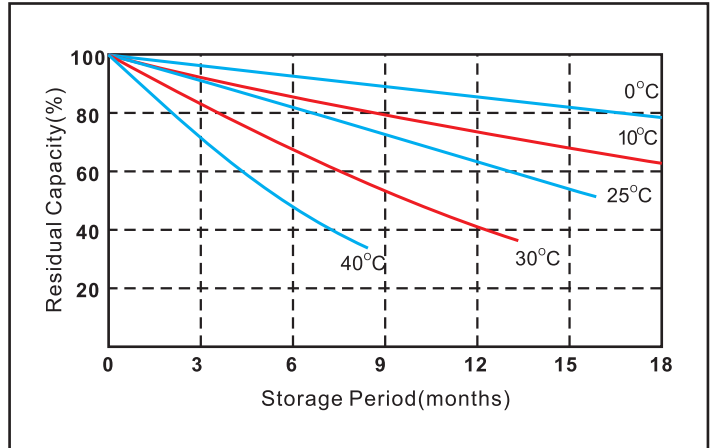
Unit:(mm) Terminal type:(T2)



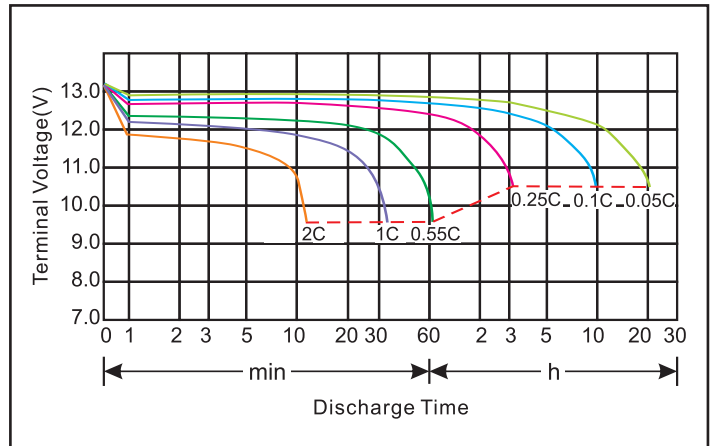
Parameter Chart:

Volts		12V	
Capacity(25°C)	10 hours rate (10A)		100Ah
Discharge Current Testing (25°C)	1 hours rate (59.8A)		59.8Ah
	3 hours rate (26.3A)		78.9Ah
Internal Resistance	Full Charged Battery 25°C		4.7mΩ
Capacity Affected By Temperature	40°C		104%
	25°C		100%
	0°C		83%
	-15°C		65%
Residual Capacity (25°C)	Capacity After 3 Months Storage		91%
	Capacity After 6 Months Storage		82%
	Capacity After 12 Months Storage		65%
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 30A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight±3%		30.5Kg	

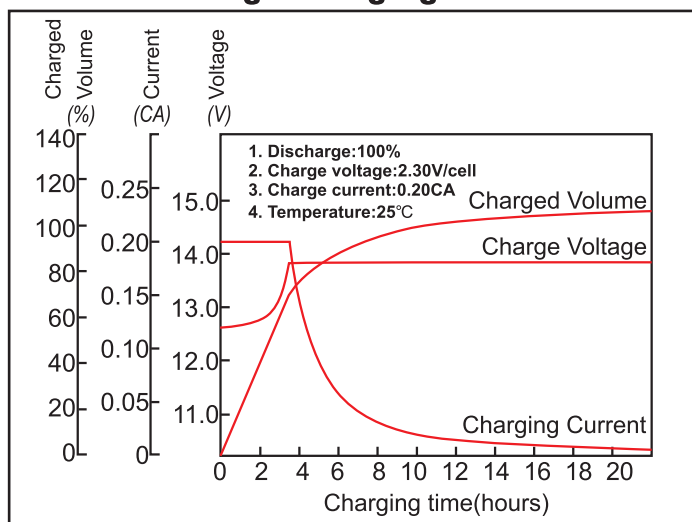
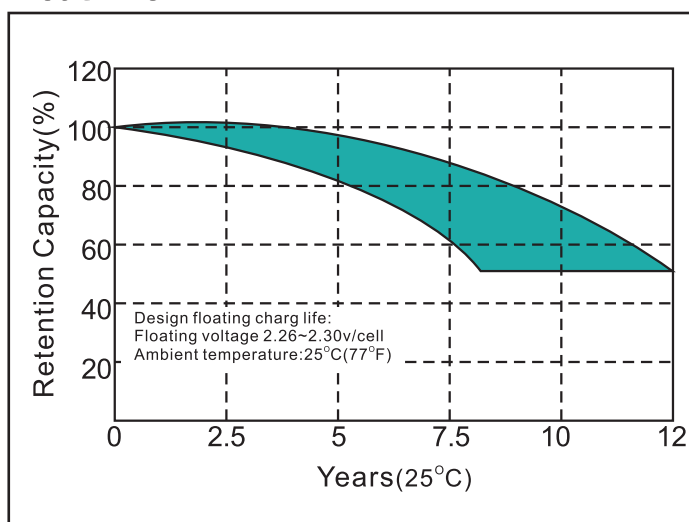
Residual Capacity



Discharge Current 25°C



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

MODEL: OT100-12
Constant voltage charging characteristics

Float Life

Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	231.6	189.5	156.6	108.8	64.5	38.0	27.5	21.8	18.6	12.7	10.6	5.62
10.02V	220.5	180.6	151.7	106.0	62.4	37.5	27.1	21.5	18.4	12.6	10.5	5.57
10.20V	214.3	174.5	148.2	104.6	61.4	37.1	26.9	21.4	18.3	12.5	10.4	5.52
10.50V	201.4	166.6	144.0	101.5	59.8	36.7	26.6	21.2	18.1	12.4	10.3	5.47
10.80V	189.2	159.6	139.5	99.2	58.7	36.3	26.3	20.9	17.9	12.3	10.2	5.42

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	2494.1	2075.0	1727.0	1240.3	754.6	447.6	326.2	259.0	221.3	151.6	127.0	67.7
10.02V	2377.7	1995.6	1691.9	1210.5	730.7	442.1	321.4	255.4	219.0	150.4	125.8	67.1
10.20V	2316.3	1937.0	1661.4	1197.7	720.2	437.4	319.0	254.2	217.8	149.3	124.6	66.5
10.50V	2199.6	1852.6	1621.6	1165.2	702.0	433.1	315.5	251.9	215.4	148.1	123.4	65.9
10.80V	2105.5	1779.5	1573.1	1142.8	692.0	428.7	311.9	248.3	213.0	146.9	122.2	65.3

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
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

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