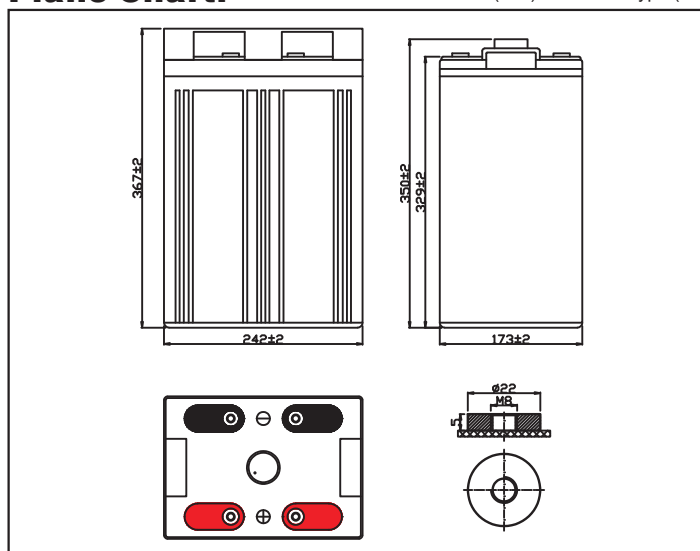


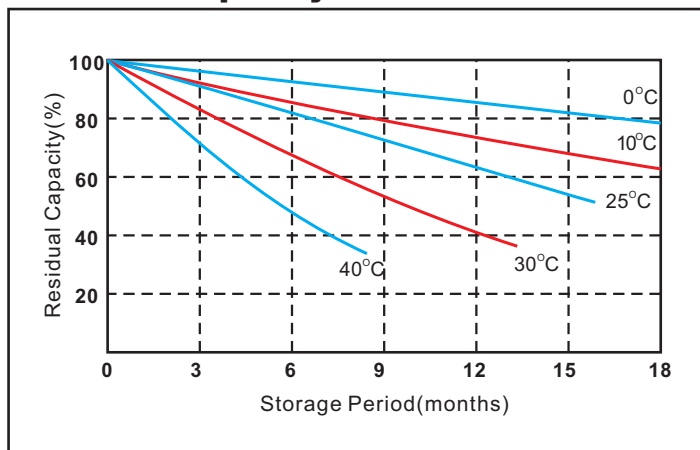
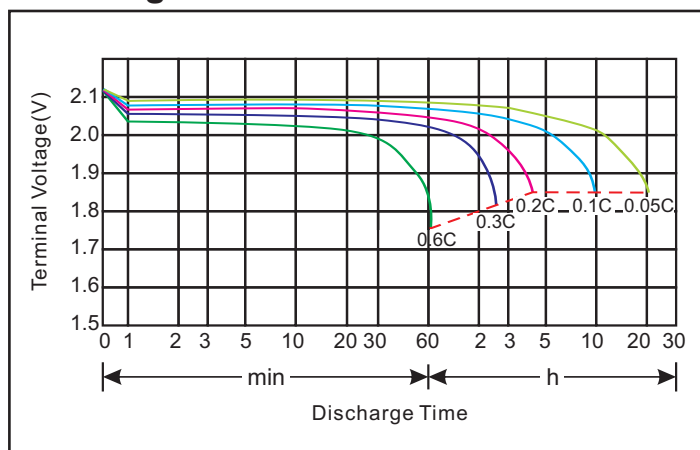
MODEL: OT500-2(GEL) /CD
NO. :302020001-00074

Plane Chart:

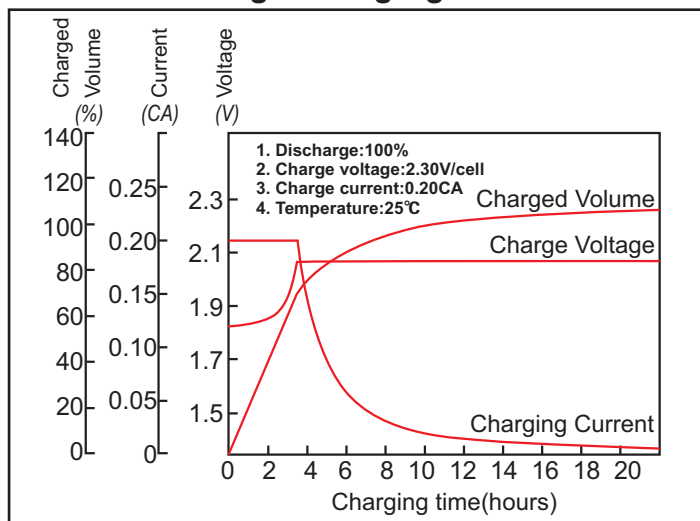
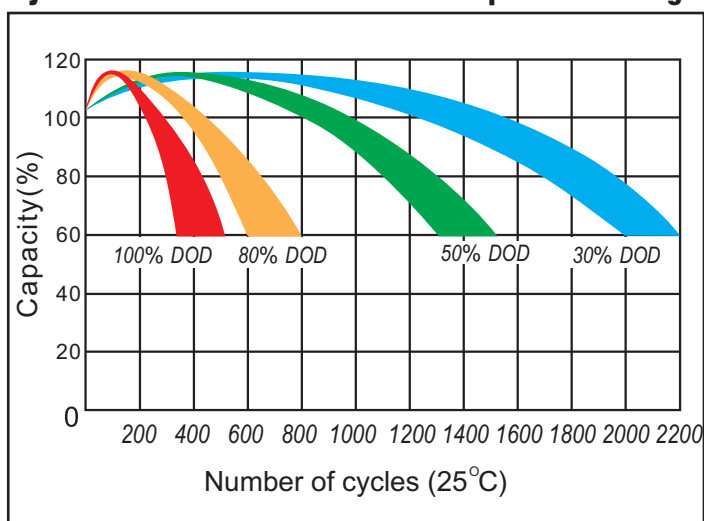
Unit:(mm) Terminal type:(T5)


Parameter Chart:

Volts		2V
Capacity(25°C)	10 hours rate (50A)	500Ah
Discharge Current Testing (25°C)	1 hours rate (275A)	282Ah
	3 hours rate (125A)	385Ah
Internal Resistance	Full Charged Battery 25°C	0.65mΩ
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 150A Voltage 2.35~2.40V
	Float (25°C)	Charge Voltage 2.23~2.27V
Weight (Approx)		31Kg

Residual Capacity

Discharge Current 25°C


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

MODEL: OT500-2(GEL) /CD
NO. :302020001-00074
Constant voltage charging characteristics

Cycle service life in relation to the depth of discharge

Constant Current Discharge Characteristics(A,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	500.0	400.0	300.0	250.0	195.0	157.5	115.0	95.0	69.0	55.0
1.65V	485.0	390.0	290.0	240.0	190.0	152.5	112.5	92.5	67.5	53.5
1.70V	475.0	380.0	280.0	230.0	187.5	140.0	110.0	90.0	65.5	52.5
1.75V	465.0	370.0	275.0	225.0	182.5	132.5	107.5	87.5	63.5	51.5
1.80V	455.0	360.0	270.0	215.0	175.0	125.0	105.0	85.0	61.5	50.0
1.85V	435.0	345.0	260.0	200.0	167.5	120.0	100.0	80.0	59.0	48.5

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	935.0	748.0	561.0	467.5	364.7	294.5	215.1	119.7	129.0	102.9
1.65V	907.0	729.3	542.3	448.8	355.3	285.2	210.4	177.7	126.2	100.0
1.70V	888.3	710.6	523.6	430.1	350.6	261.8	205.7	173.0	122.5	98.2
1.75V	869.6	691.9	514.3	420.8	341.3	247.8	201.0	163.6	118.7	96.3
1.80V	850.9	673.2	504.9	402.1	327.3	233.8	196.4	159.0	115.0	93.5
1.85V	813.5	645.2	486.2	374.0	313.2	224.4	187.0	149.6	110.3	90.7

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
GEL Battery	2V	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.