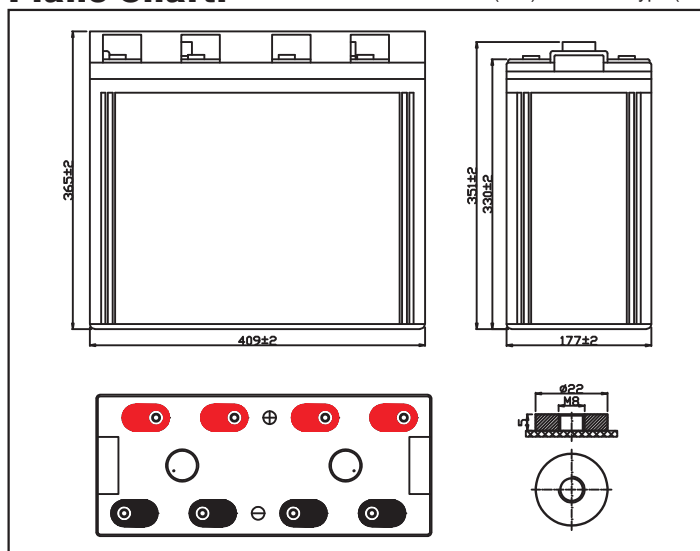


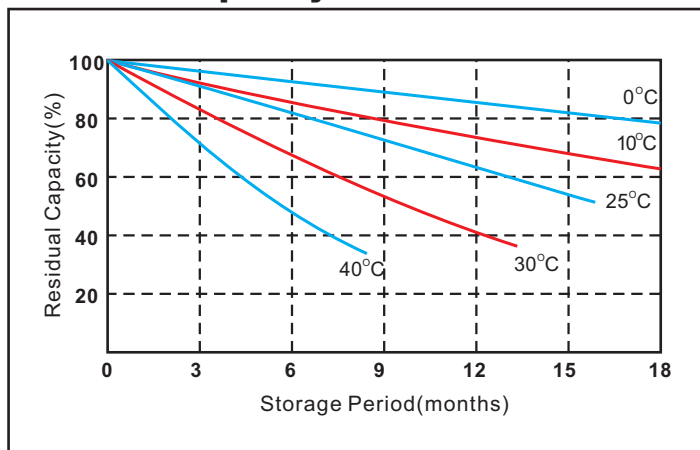
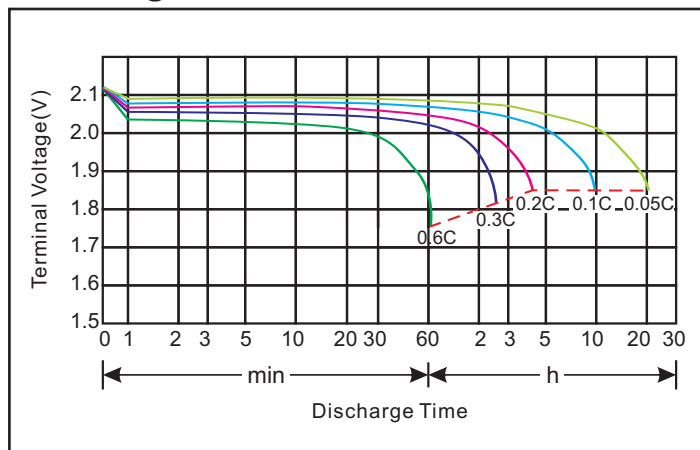
MODEL: OT800-2(GEL) /CD
NO. :302020001-00076

Plane Chart:

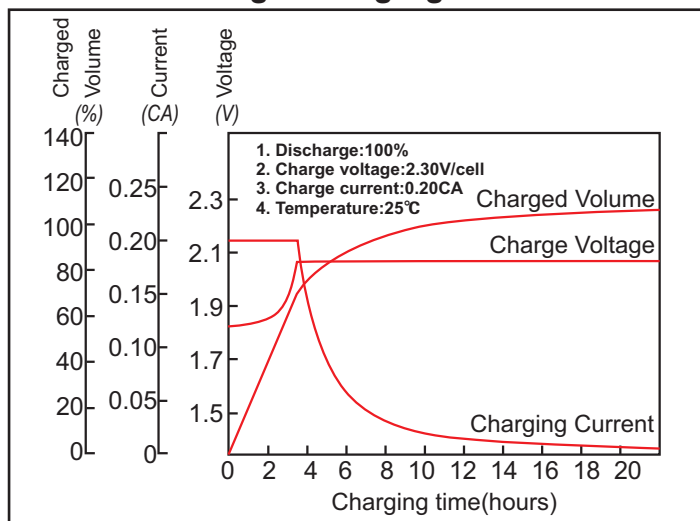
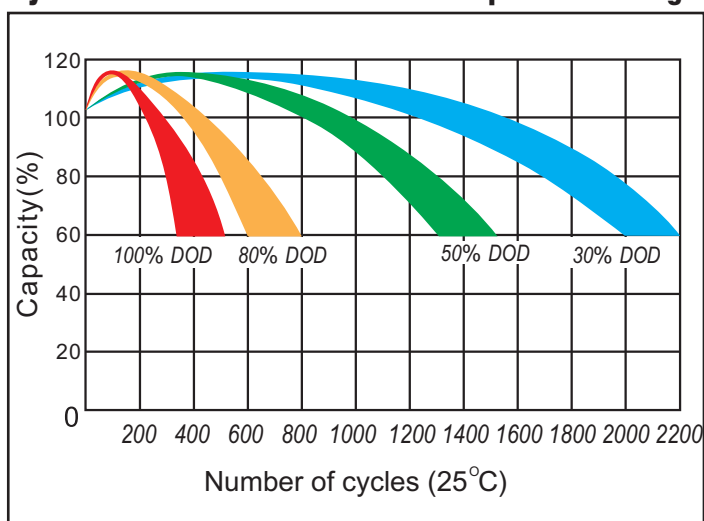
Unit:(mm) Terminal type:(T5)


Parameter Chart:

Volts		2V
Capacity(25°C)	10 hours rate (80A)	800Ah
Discharge Current Testing (25°C)	1 hours rate (440A)	446Ah
	3 hours rate (200A)	611Ah
Internal Resistance	Full Charged Battery 25°C	0.5mΩ
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 240A Voltage 2.35~2.40V
	Float (25°C)	Charge Voltage 2.23~2.27V
Weight (Approx)		53.2Kg

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: OT800-2(GEL) /CD
NO. :302020001-00076
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	800.0	640.0	480.0	400.0	312.0	252.0	184.0	152.0	110.4	88.0
1.65V	776.0	624.0	464.0	384.0	304.0	244.0	180.0	148.0	108.0	85.6
1.70V	760.0	608.0	448.0	368.0	300.0	224.0	176.0	144.0	104.8	84.0
1.75V	744.0	592.0	440.0	360.0	182.5	212.0	172.0	140.0	101.6	82.4
1.80V	728.0	576.0	432.0	344.0	292.0	200.0	168.0	136.0	98.4	80.0
1.85V	696.0	552.0	416.0	320.0	280.0	192.0	160.0	128.0	94.4	77.6

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	1496.0	1196.8	897.6	748.0	583.4	471.2	344.1	284.2	206.4	164.6
1.65V	1451.1	1166.9	867.7	718.1	568.5	456.3	336.6	276.8	202.0	160.1
1.70V	1421.2	1137.0	837.8	688.2	561.0	418.9	329.1	269.3	196.0	157.1
1.75V	1391.3	1107.0	822.8	673.2	546.0	396.4	321.6	261.8	190.0	154.1
1.80V	1361.4	1077.1	807.8	643.3	523.6	374.0	314.2	254.3	184.0	149.6
1.85V	1301.5	1032.2	777.9	598.4	501.2	359.0	299.2	239.4	176.5	145.1

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.