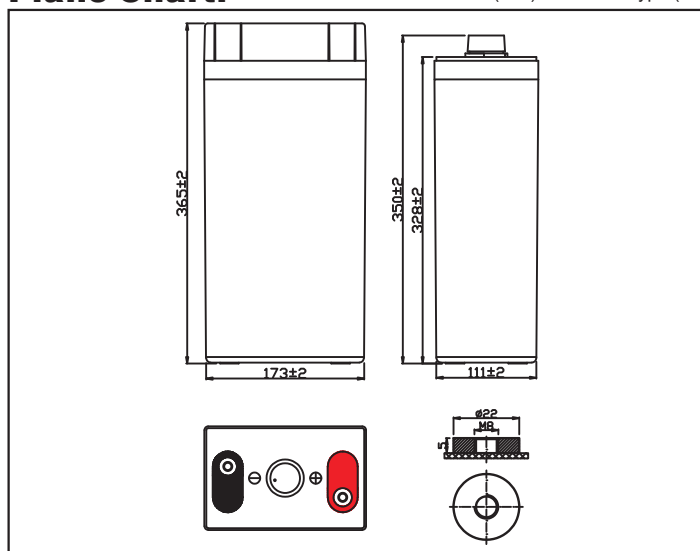


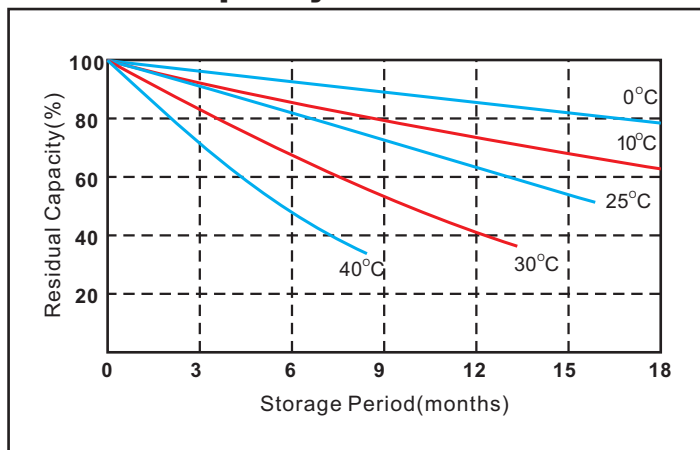
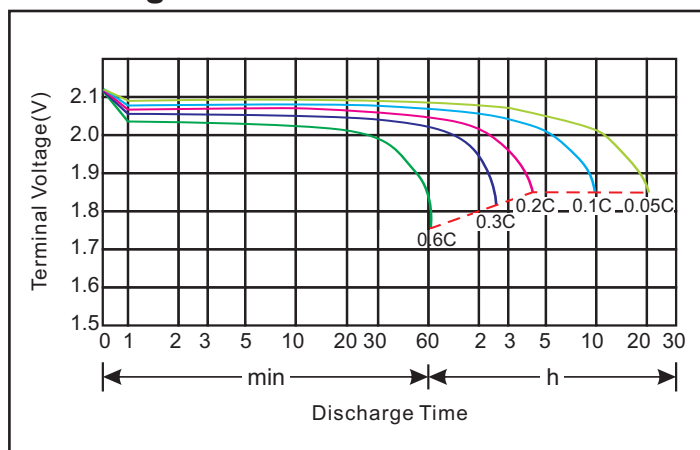
MODEL: OT200-2(GEL) /CD
NO. :302020001-00072

Plane Chart:

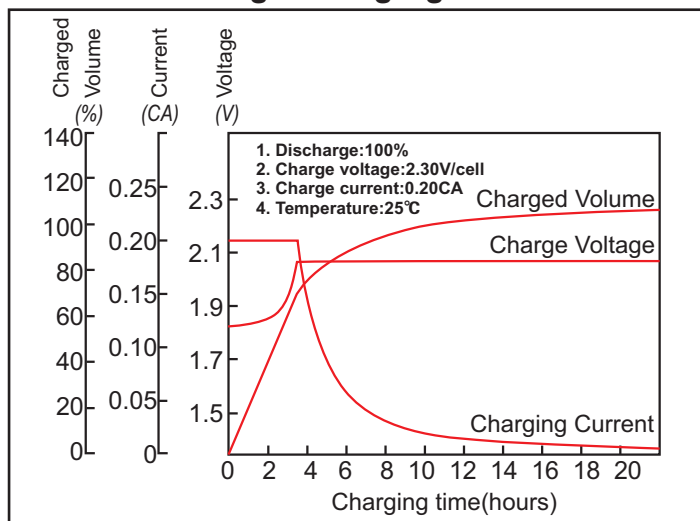
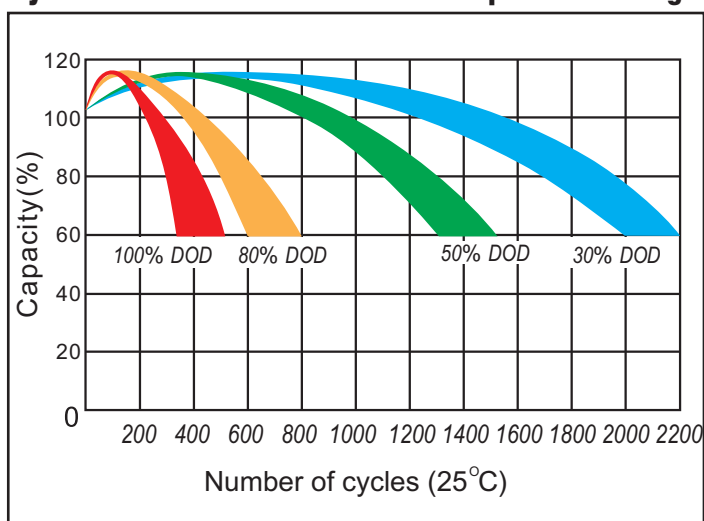
Unit:(mm) Terminal type:(T5)


Parameter Chart:

Volts		2V
Capacity(25°C)	10 hours rate (20A)	200Ah
Discharge Current Testing (25°C)	1 hours rate (110A)	115Ah
	3 hours rate (50A)	156Ah
Internal Resistance	Full Charged Battery 25°C	0.85mΩ
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 60A Voltage 2.35~2.40V
	Float (25°C)	Charge Voltage 2.23~2.27V
Weight (Approx)		13.4Kg

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: OT200-2(GEL) /CD
NO. :302020001-00072
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	200.0	160.0	120.0	100.0	78.0	63.0	46.0	38.0	27.6	22.0
1.65V	194.0	156.0	116.0	96.0	76.0	61.0	45.0	37.0	27.0	21.4
1.70V	190.0	152.0	112.0	92.0	75.0	56.0	44.0	36.0	26.2	21.0
1.75V	186.0	148.0	110.0	90.0	73.0	53.0	43.0	35.0	25.4	20.6
1.80V	182.0	144.0	108.0	86.0	70.0	50.0	42.0	34.0	24.6	20.0
1.85V	174.0	138.0	104.0	80.0	67.0	48.0	40.0	32.0	23.6	19.4

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	374.0	299.2	224.4	187.0	145.9	117.8	86.0	71.1	51.6	41.1
1.65V	362.8	291.7	216.9	179.5	142.1	114.1	84.2	69.2	50.5	40.0
1.70V	355.3	284.2	209.4	172.0	140.3	104.7	82.3	67.3	49.0	39.3
1.75V	347.8	276.8	205.7	168.3	136.5	99.1	80.4	65.5	47.5	38.5
1.80V	340.3	269.3	202.0	160.8	130.9	93.5	78.5	63.6	46.0	37.4
1.85V	325.4	258.1	194.5	149.6	125.3	89.8	74.8	59.8	44.1	36.3

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
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.