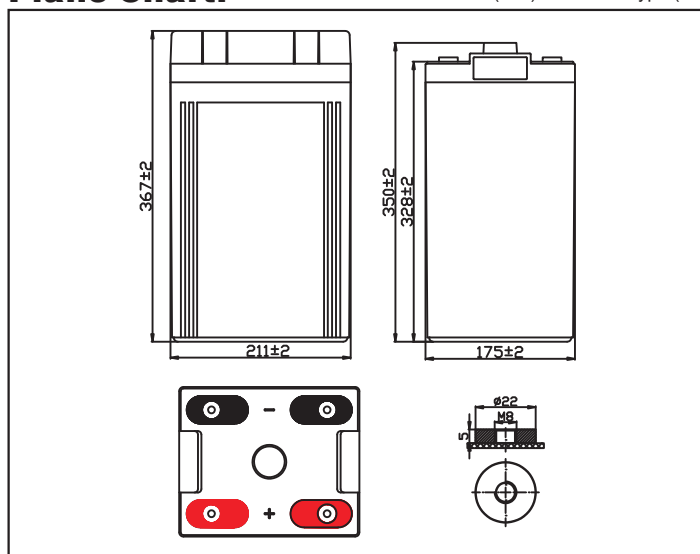


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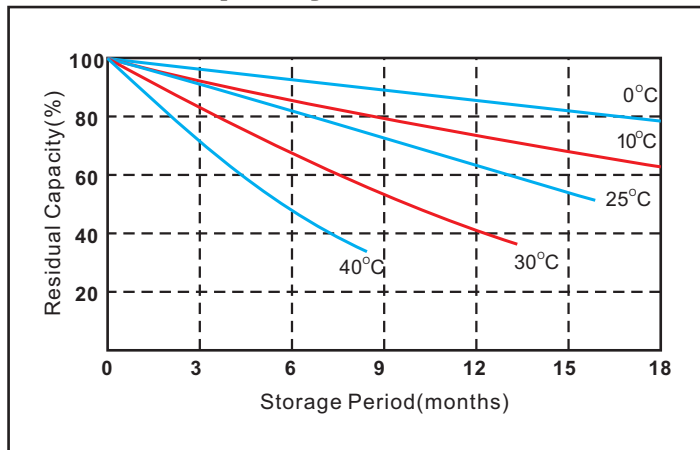
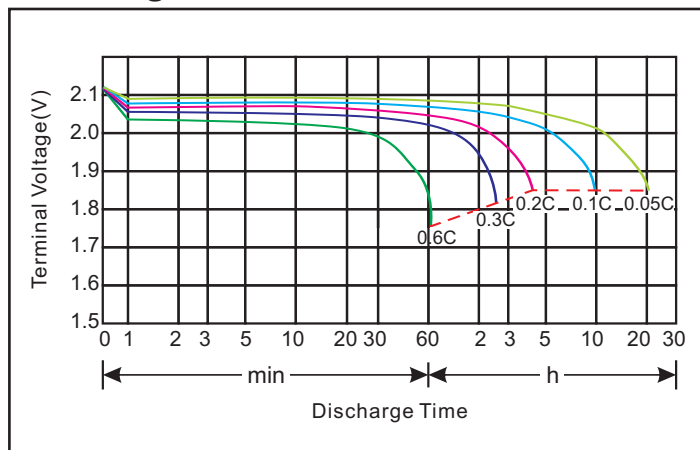
Plane Chart:

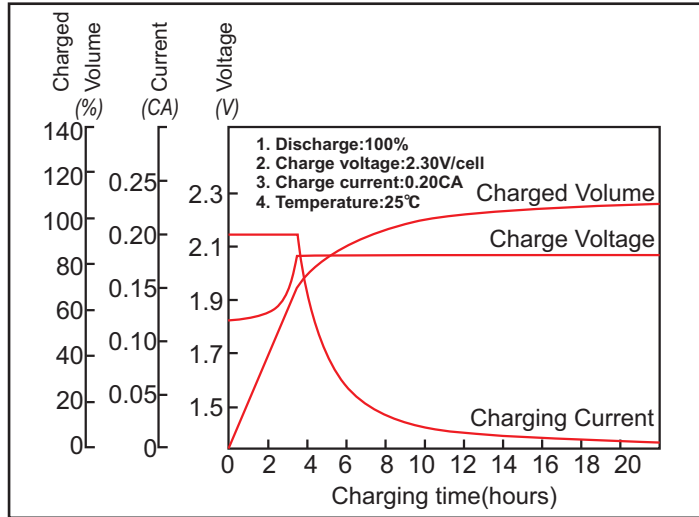
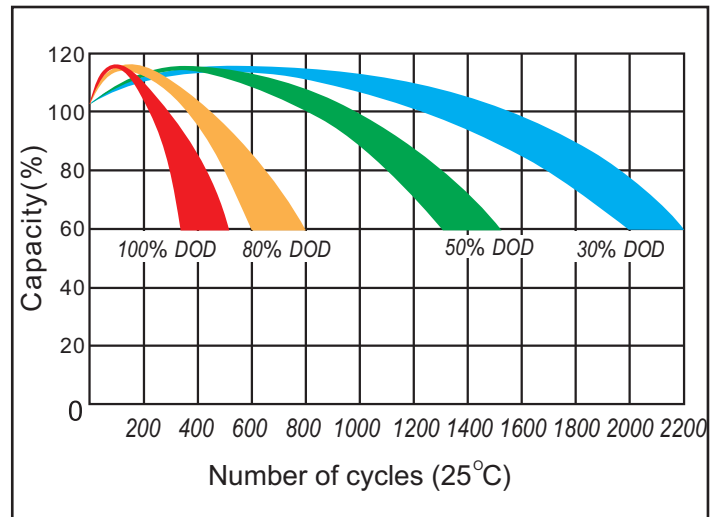
Unit:(mm) Terminal type:(T5)


Parameter Chart:

Volts		2V
Capacity(25°C)	10 hours rate (40A)	400Ah
Discharge Current Testing (25°C)	1 hours rate (220A)	226Ah
	3 hours rate (100A)	308Ah
Internal Resistance	Full Charged Battery 25°C	0.7mΩ
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 120A Voltage 2.35~2.40V
	Float (25°C)	Charge Voltage 2.23~2.27V
Weight (Approx)		26.5Kg

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

Residual Capacity

Discharge Current 25°C


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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	400.0	320.0	240.0	200.0	156.0	126.0	92.0	76.0	55.2	44.0
1.65V	388.0	312.0	232.0	192.0	152.0	122.0	90.0	74.0	54.0	42.8
1.70V	380.0	304.0	224.0	184.0	150.0	112.0	88.0	72.0	52.4	42.0
1.75V	372.0	296.0	220.0	180.0	146.0	106.0	86.0	70.0	50.8	41.2
1.80V	364.0	288.0	216.0	172.0	140.0	100.0	84.0	68.0	49.2	40.0
1.85V	348.0	276.0	208.0	160.0	134.0	96.0	80.0	64.0	47.2	38.8

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	748.0	598.4	448.8	374.0	291.7	235.6	172.0	142.1	103.2	82.3
1.65V	725.6	583.4	433.8	359.0	284.2	228.1	168.3	138.4	101.0	80.0
1.70V	710.6	568.5	418.9	344.1	280.5	209.4	164.6	134.6	98.0	78.5
1.75V	695.6	553.5	411.4	336.6	273.0	198.2	160.8	130.9	95.0	77.0
1.80V	680.7	538.6	403.9	321.6	261.8	187.0	157.1	127.2	92.0	74.8
1.85V	650.8	516.1	389.0	299.2	250.6	179.5	149.6	119.7	88.3	72.6

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.