

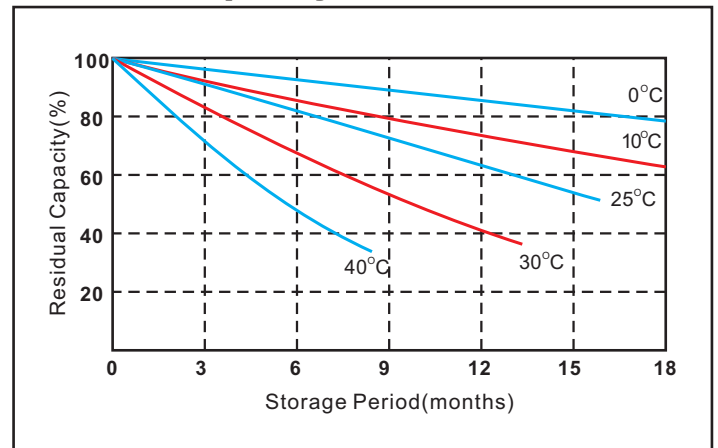
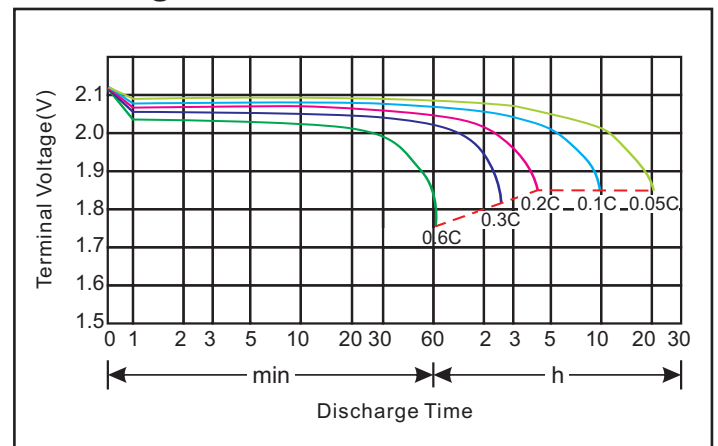
MODEL: OT1500-2(GEL) /CD
NO. :302020001-00077

Plane Chart:

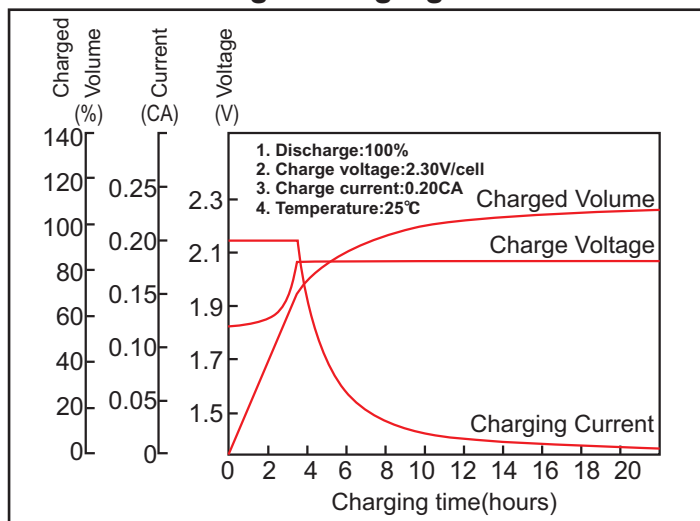
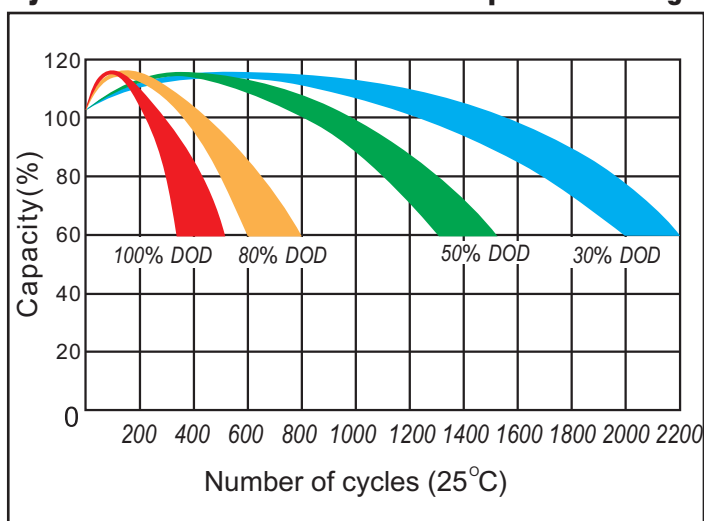
Unit:(mm) Terminal type:(T5)


Parameter Chart:

Volts		2V	
Capacity(25°C)		10 hours rate (150A)	1500Ah
Discharge Current Testing (25°C)		1 hours rate (825A)	840Ah
		3 hours rate (375A)	1140Ah
Internal Resistance		Full Charged Battery 25°C	0.36mΩ
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 450A Voltage 2.35~2.40V	
	Float (25°C)	Charge Voltage 2.23~2.27V	
Weight (Approx)			98.5Kg

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.

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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	1500.0	1200.0	900.0	750.0	585.0	472.5	345.0	285.0	207.0	165.0
1.65V	1455.0	1170.0	870.0	720.0	570.0	457.5	337.5	277.5	202.5	160.5
1.70V	1425.0	1140.0	840.0	690.0	562.5	420.0	330.0	270.0	196.5	157.5
1.75V	1395.0	1110.0	825.0	675.0	547.5	397.5	322.5	262.5	190.5	154.5
1.80V	1365.0	1080.0	810.0	645.0	525.0	375.0	315.0	255.0	184.5	150.0
1.85V	1305.0	1035.0	780.0	600.0	502.5	360.0	300.0	240.0	177.0	145.5

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	2805.0	2244.0	1683.0	1402.5	1094.0	883.6	645.2	533.0	387.1	308.6
1.65V	2720.9	2187.9	1626.9	1346.4	1065.9	855.5	631.1	518.9	378.7	300.1
1.70V	2664.8	2131.8	1570.8	1290.3	1051.9	785.4	617.1	504.9	367.5	294.5
1.75V	2608.7	2075.7	1542.8	1262.3	1023.8	743.3	603.1	490.9	356.2	288.9
1.80V	2552.6	2019.6	1514.7	1206.2	981.8	701.3	589.1	476.9	345.0	280.5
1.85V	2440.4	1935.5	1458.6	1122.0	939.7	673.2	561.0	448.8	331.0	272.1

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.