HOUSING POWER SYSTEM OTD SERIES

MODEL: OTD150(GEL) /LL

NO. :302040066-00005

Container Color
Grey 3 C

Plane Chart:

Unit:(mm) Terminal type:(T3)

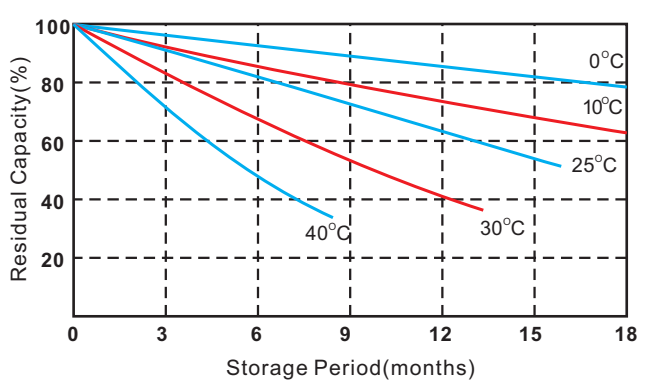
MH49393

Parameter Chart:

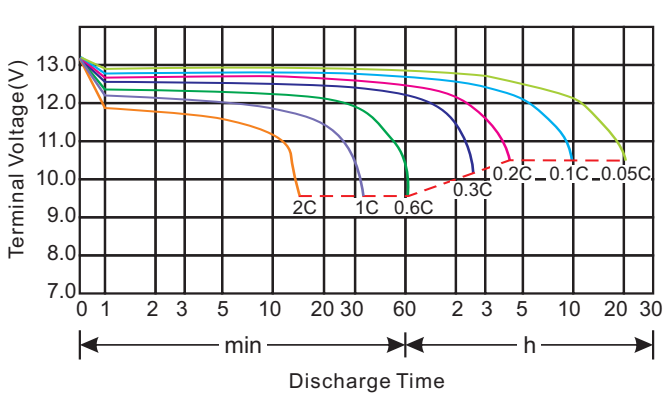
Volts		12V	
Capacity(25°C)		10 hours rate (15A)	150Ah
Discharge Current Testing (25°C)		1 hours rate (82.5A)	84Ah
		3 hours rate (37.5A)	114Ah
Internal Resistance		Full Charged Battery 25°C	3.5mΩ
Capacity Affected By Temperature		40°C	104%
		25°C	100%
		0°C	83%
		-15°C	65%
Residual Capacity (25°C)		Capacity 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 45A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)		47.8Kg	

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

Residual Capacity



Discharge Current 25℃



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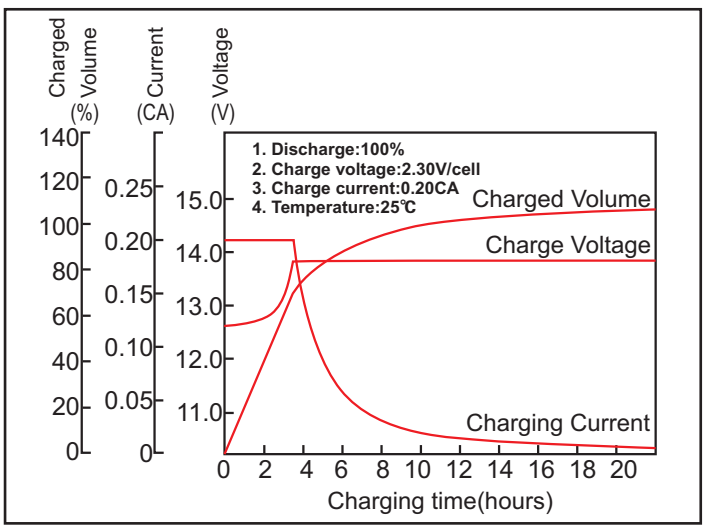
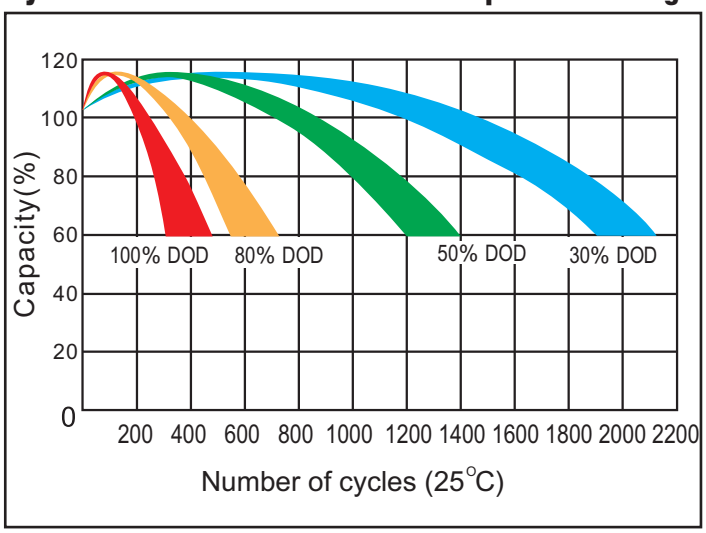
Constant voltage charging characteristics



Cycle service life in relation to the depth of discharge



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	270.3	160.2	97.6	54.9	39.6	31.4	27.6	18.2	15.3	7.9
10.2V	259.3	154.2	93.7	54.1	39.0	31.0	27.2	18.1	15.2	7.9
10.5V	254.3	150.2	91.8	53.6	38.6	30.8	26.9	18.0	15.1	7.8
10.8V	246.2	146.1	89.0	53.0	38.2	29.8	26.7	18.0	15.0	7.8

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	2968.0	1796.8	1113.1	635.6	466.5	369.4	326.3	217.2	183.2	95.4
10.2V	2846.8	1729.7	1068.1	625.6	459.5	364.4	322.3	215.2	181.2	94.9
10.5V	2790.8	1684.7	1046.0	619.6	454.5	362.4	318.3	214.2	180.2	94.2
10.8V	2701.7	1639.6	1014.0	613.6	450.5	351.4	316.3	213.2	179.2	93.7

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	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

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OUTDO
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