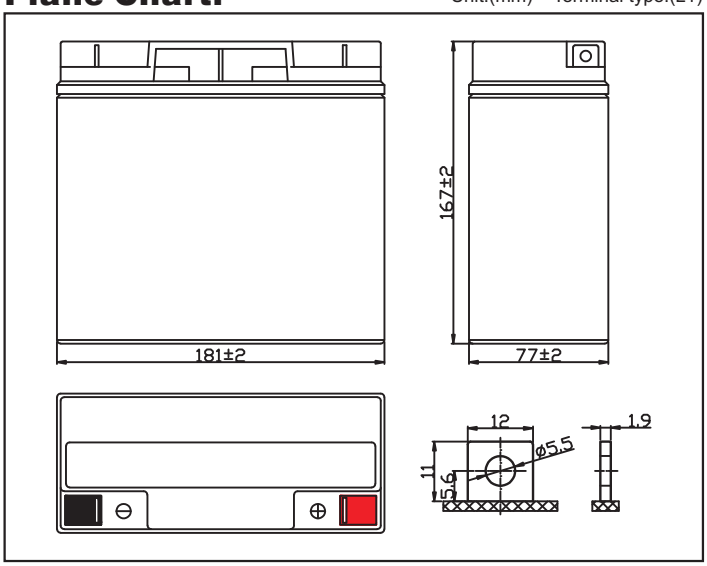
MODEL: OT20-12(GEL)/A

NO.: 302090005-00114

Plane Chart:

Unit:(mm) Terminal type:(L1)



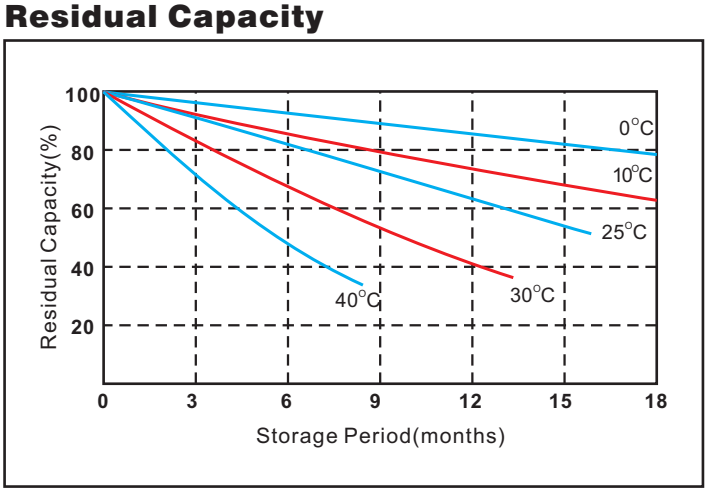
MH49393

Parameter Chart:

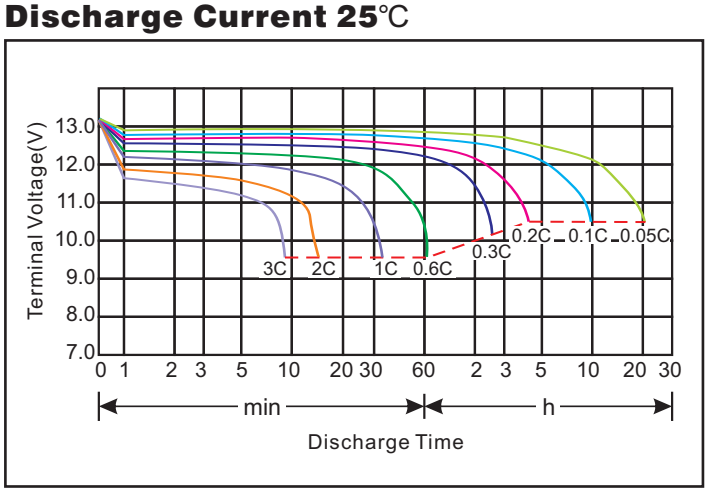
Volts		12V	
Capacity(25°C)		20 hours rate (1A)	20Ah
Discharge Current Testing (25°C)		20 I_{20} rate (20A,27min)	36min
		60 I_{20} rate (60A,7min)	8min
Internal Resistance		Full Charged Battery 25°C	11mΩ
Capacity Affected By Temperature		40°C	104%
		25°C	100%
		0°C	83%
		-15°C	65%
Residual Capacity (25°C)		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 Than6A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)		6. 08Kg	

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

Residual Capacity



Discharge Current 25℃



MODEL: OT20-12(GEL)/A

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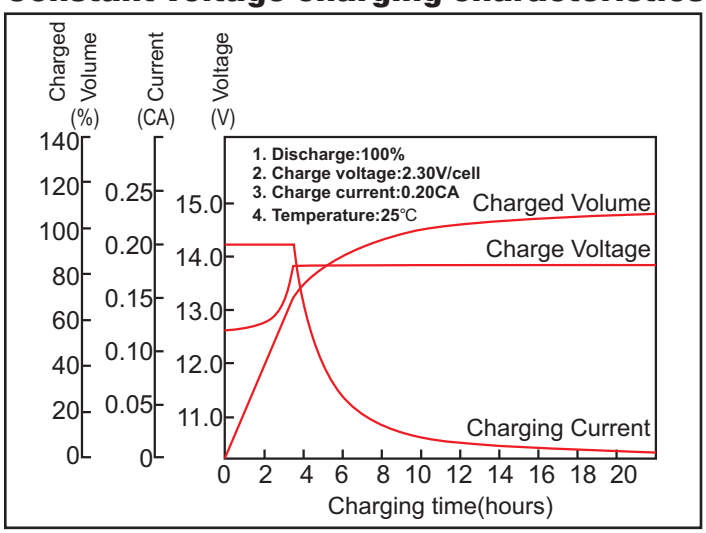
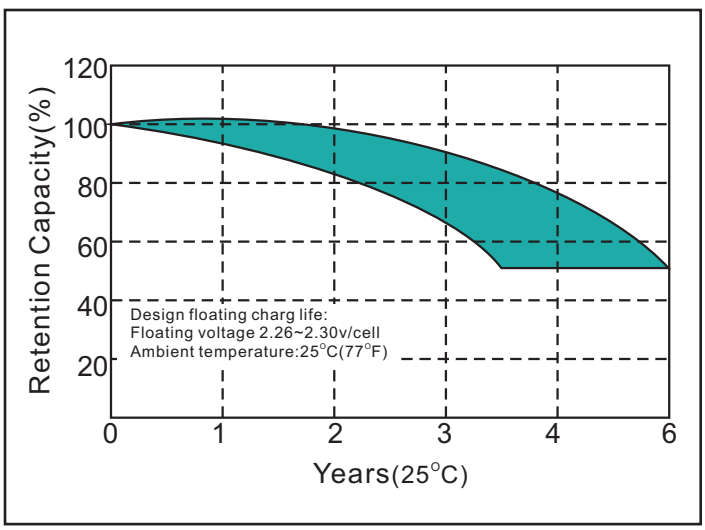
Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	82.5	54.2	41.3	23.7	14.7	7.62	5.62	3.63	2.41	1.97	1.05
10.2V	76.6	50.1	38.2	22.9	13.8	7.45	5.46	3.55	2.37	1.95	1.03
10.5V	74.3	47.9	36.9	22.2	13.5	7.38	5.35	3.49	2.35	1.93	1.02
10.8V	70.9	46.3	35.8	21.4	13.1	7.25	5.22	3.45	2.32	1.91	1.00

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	891.0	590.8	454.3	265.4	167.6	87.6	65.2	42.5	28.4	23.2	12.5
10.2V	842.6	556.1	427.8	258.8	157.3	85.7	63.3	41.5	28.0	23.0	12.3
10.5V	824.7	536.5	417.0	253.1	155.3	86.3	62.6	41.2	28.0	23.0	12.1
10.8V	794.1	523.2	408.1	246.1	150.7	84.8	61.1	40.7	27.6	22.7	11.9

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%

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

OUTDO
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