SVC®
SMART VOLTAGE CONTROL

DIGITAL SCREEN INTELLIGENT GEL STORAGE BATTERY - GEL SERIES

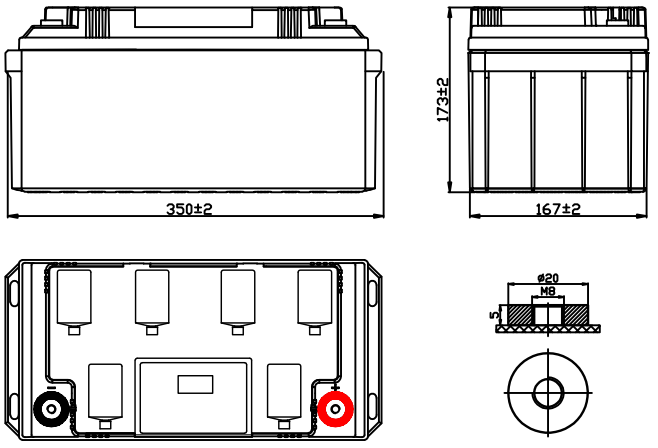
MODEL: GLD1265(GEL)/DS

NO.: 302070066-00028

Container Color
Grey 3 C

Plane Chart:

Unit:(mm) Terminal type:(T3)



MH49393

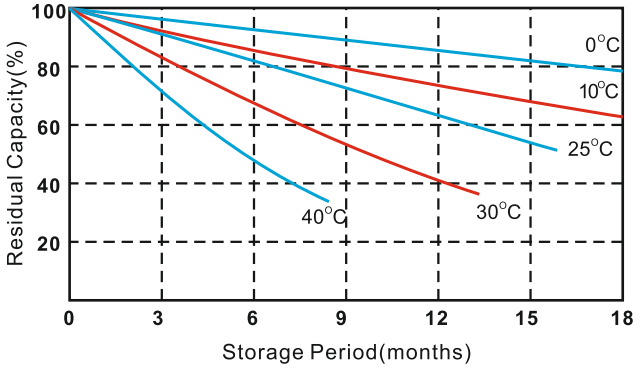
ISO9001
ISO14001
OHSAS18001

Parameter Chart:

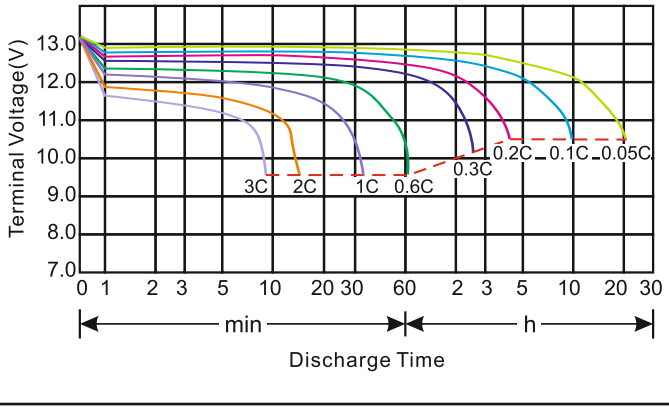
Volts	12V	
Capacity(25°C)	10 hours rate (6.5A)	65Ah
Discharge Current Testing (25°C)	1 hours rate (35.7A)	36Ah
	3 hours rate (16.2A)	49Ah
Internal Resistance	Full Charged Battery 25°C	5.6mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 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 19.5A Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Weight (Approx)		20.9Kg

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

Residual Capacity



Discharge Current 25℃



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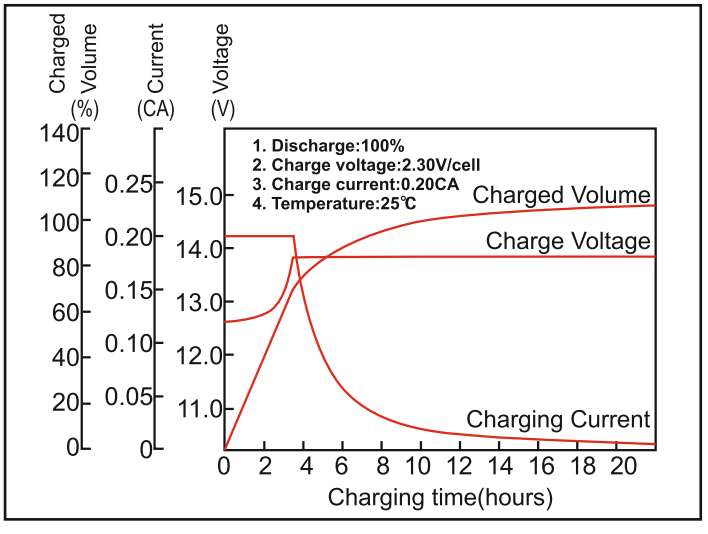
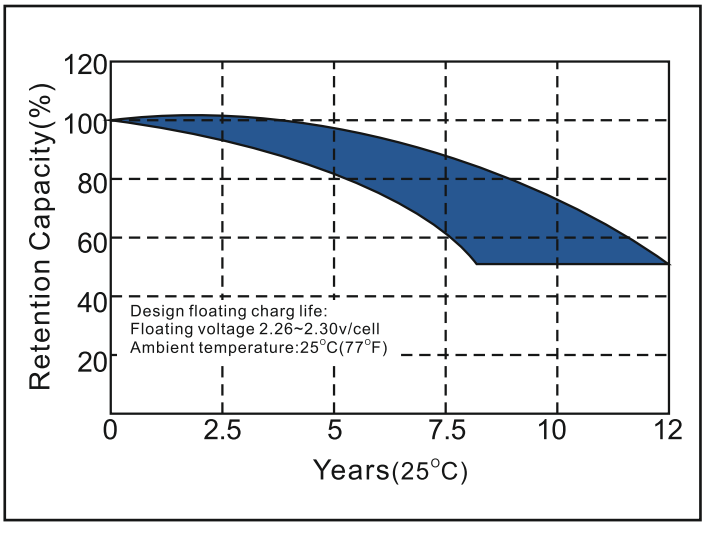
Constant voltage charging characteristics



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	205.4	143.3	110.2	67.1	41.1	23.7	16.7	11.7	7.9	6.7	3.5
10.2V	195.4	136.3	106.2	64.4	39.5	23.4	16.5	11.5	7.9	6.6	3.5
10.5V	190.4	132.3	103.2	63.1	38.6	23.2	16.3	11.4	7.8	6.5	3.4
10.8V	183.4	128.3	100.2	61.2	37.5	22.9	16.2	11.3	7.7	6.5	3.4

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	2157.3	1547.1	1210.4	753.5	467.9	274.5	196.4	138.3	94.1	79.6	41.9
10.2V	2049.1	1469.9	1161.3	723.4	449.9	270.5	194.4	136.3	93.3	79.0	41.5
10.5V	1999.0	1427.9	1132.3	707.4	438.9	268.5	192.4	135.3	92.8	78.1	41.1
10.8V	1925.8	1381.8	1104.2	687.4	426.9	265.5	191.4	134.3	91.9	77.8	40.9

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%

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