

ExTell Deep Cycle Gel VRLA Battery, 12V/65AH

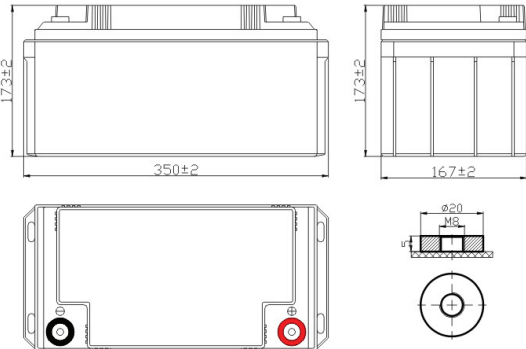
Features

- Maintenance Free
- Leak Resistant
- Resistant to Vibration
- Deep Cycle discharge and recharge

Parameter Chart

Volts		12V
Capacity (25°C)		20 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 5.6mohm
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) (25°C)	Cycle (25°C)	Initial Charging Current less than 5.1A Voltage 14.5 ~ 14.9A
	Float (25°C)	Charge Voltage 13.6 ~ 13.8A
Weight (Approx.)		20.6Kg

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

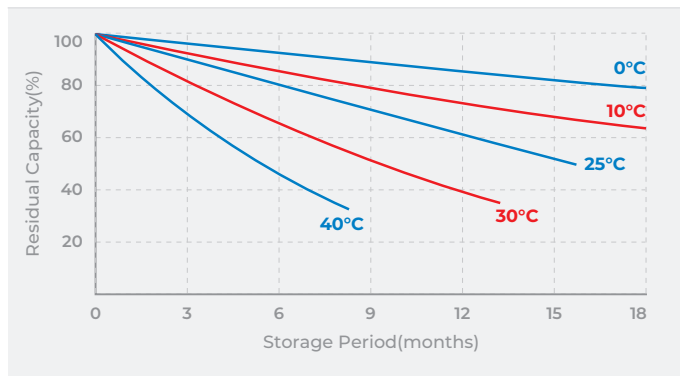


Unit:(mm) Terminal type:(T3)

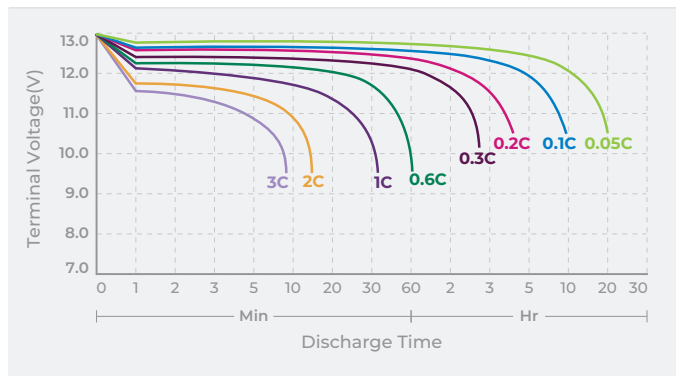


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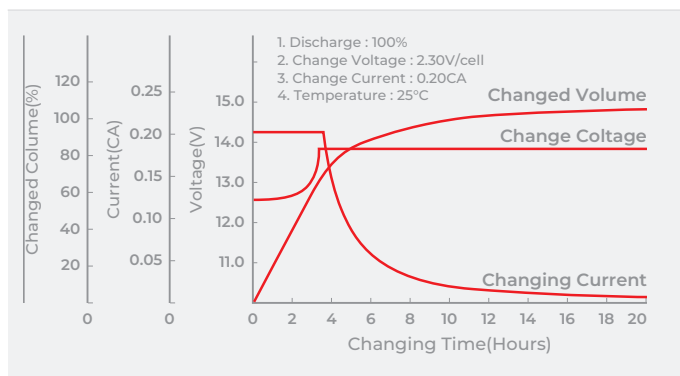
Residual Capacity



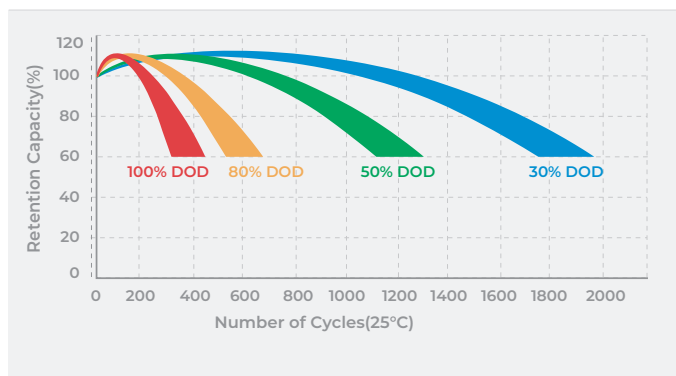
Discharge Current 25°C



Constant Voltage Charging Characteristics



Cycle Service Life in Relation to the Depth Discharge



Constant Current Discharge Characteristics (Watt, 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

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Constant Current 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
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.

Ordering Information

E120652G	ExTell Gel Battery 12V 65Ah, Gray
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