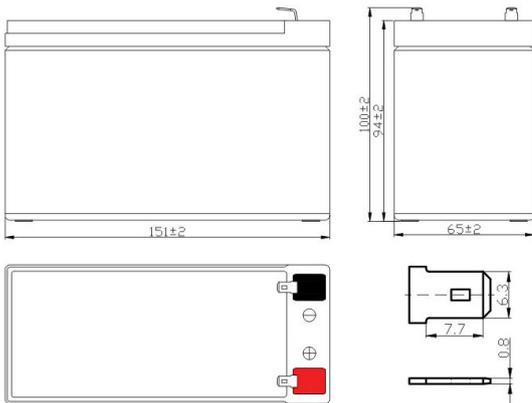


# Gel Battery 12V 9AH



Unit:(mm) Terminal type:(T0)

## Features

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

## Parameter Chart

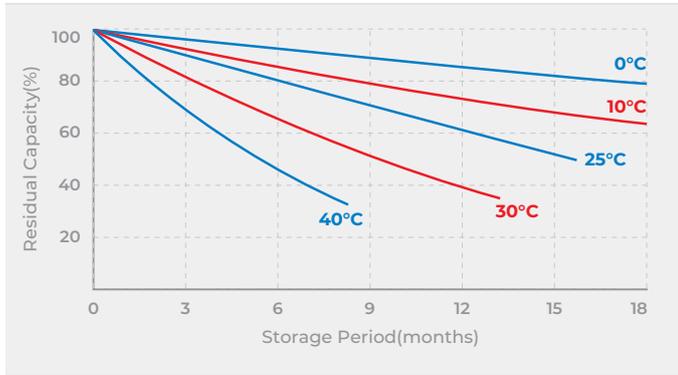
Volts		12V
Capacity (25°C)	20 Hours Rate (0.45A)	9Ah
Discharge Current Testing (25°C)	1 hours Rate (5A)	5.1Ah
	3 Hours Rate (2.2A)	6.9Ah
Internal Resistance	Full Charged Battery 25°C	12.5mohm
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 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 2.7A Voltage 14.5 ~ 14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Weight (Approx.)	2.4Kg	
Dimensions (in mm)	151(L) x 65(W) x 100(H)	

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

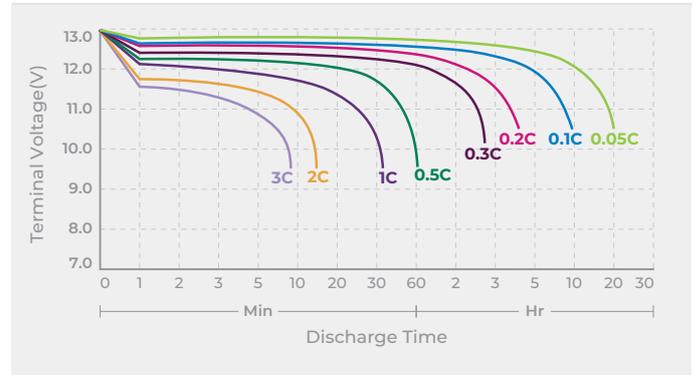


# Gel Battery 12V 9AH

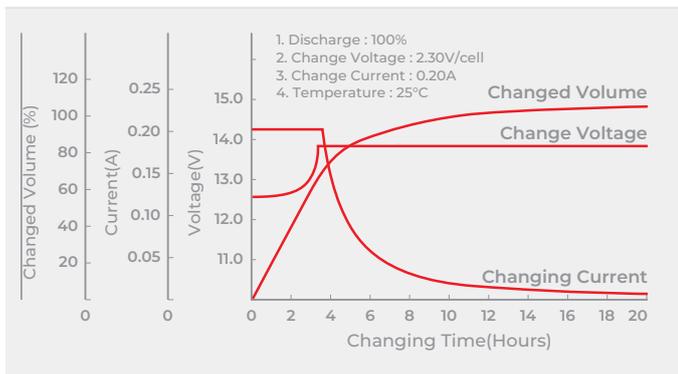
## Residual Capacity



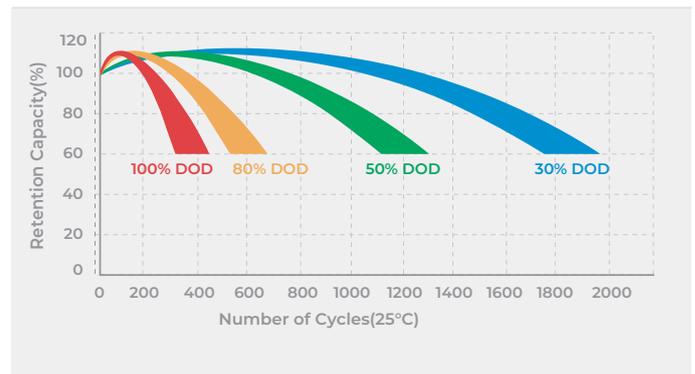
## Discharge Current 25°C



## Constant Voltage Charging Characteristics



## Cycle Service Life in Relation to the Depth Discharge



## Constant Current Discharge Characteristics (Ampere (A), 25°C)

F.V/ Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	39.08	25.75	19.04	10.62	5.81	3.21	2.18	1.51	1.00	0.81	0.45
10.2V	37.17	24.25	18.14	10.22	5.58	3.16	2.15	1.49	0.99	0.81	0.44
10.5V	36.17	23.85	17.84	9.92	5.47	3.13	2.13	1.48	0.98	0.80	0.43
10.8V	34.84	23.05	17.33	9.72	5.30	3.10	2.11	1.46	0.98	0.80	0.43



## Gel Battery 12V 9AH

### Constant Power Discharge Characteristics (Watt (W), 25°C)

F.V/ Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	435.87	290.58	217.43	121.24	67.33	37.47	25.95	18.04	12.12	9.77	5.45
10.2V	414.83	273.55	206.41	117.32	64.63	36.97	25.55	17.84	11.92	9.74	5.43
10.5V	402.8	268.54	203.41	113.23	63.33	36.57	25.35	17.64	11.72	9.67	5.41
10.8V	388.78	259.52	197.39	111.22	61.42	36.17	25.15	17.43	11.62	9.62	5.39

### 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%	87%	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

E120092G	ExTell Gel Battery 12V 9Ah, Gray
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