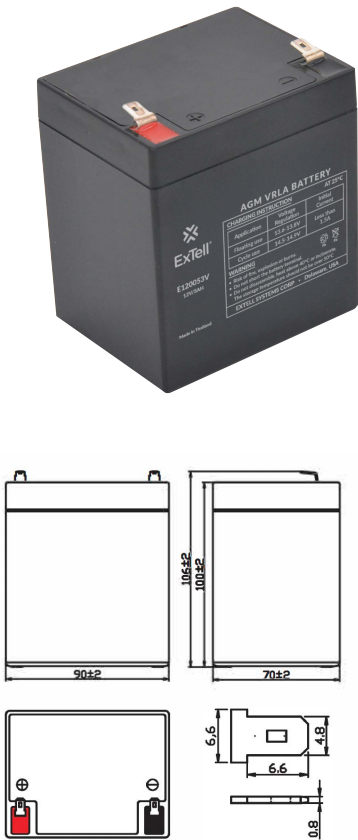


AGM VRLA Battery 12V 5AH



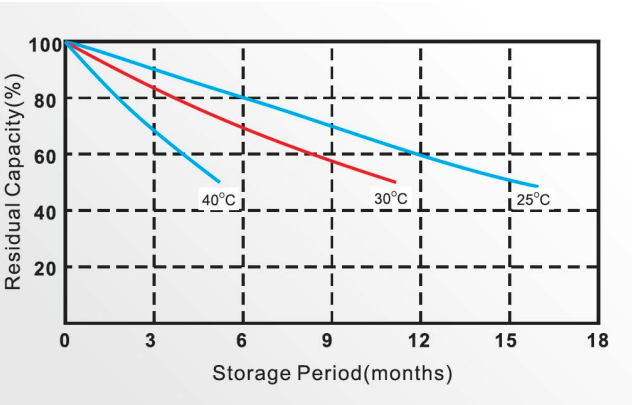
Unit:(mm) Terminal type:(F1)

Parameter Chart

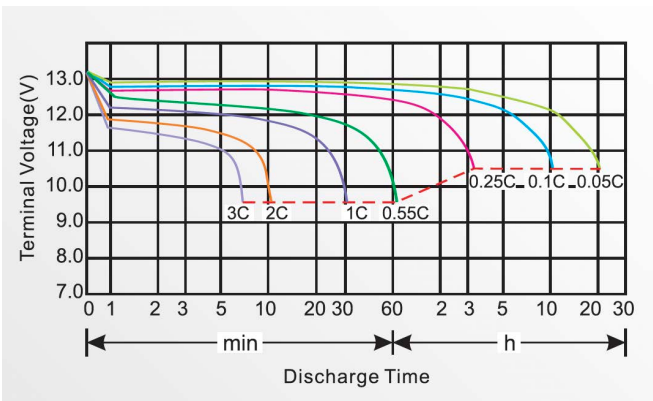
Volts		12V/5Ah
Design Service Life	25°C	6 years
Self Discharge	25°C	<3% per month
Container Material	ABS	
Internal Resistance	Full Charged Battery 25°C	30mΩ
Maximum Charge Current		1.5A
Operating Temperature Range	Discharge	-20 to 50°C
	Charge	-20 to 40°C
	Storage	-20 to 40°C
Rated Capacity (25°C)	4.455Ah	5HR, 0.89A, 10.5V
	4.11Ah	3HR, 1.37A, 10.2V
	3.17Ah	1HR, 3.17A, 9.6V
Charge (Constant Voltage) (25°C)	Cycle (25°C)	14.5 ~ 14.9V Temp Coeff: -30mV/°C
	Float (25°C)	13.6~13.8V Temp Coeff: -18mV/°C
Weight (Approx.)		1.64Kg
Dimensions (in mm)		90 (L) x 70 (W) x 100 (H)

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

Residual Capacity

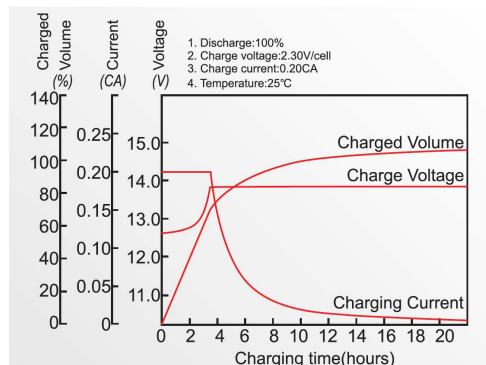


Discharge Current 25°C

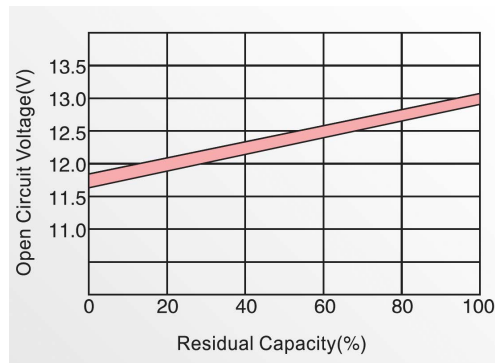


AGM VRLA Battery 12V 5AH

Constant Voltage Charging Characteristics



OCV and Capacity (25°C)



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

F.V/ Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	20.4	13.4	10.7	5.7	3.17	1.82	1.39	0.913	0.608	0.505	0.264
10.2V	18.7	12.5	10.3	5.47	3.04	1.78	1.37	0.899	0.590	0.498	0.259
10.5V	18.10	12.1	10.1	5.34	2.97	1.76	1.36	0.891	0.583	0.493	0.254
10.8V	17.4	11.7	9.85	5.2	2.89	1.74	1.34	0.883	0.577	0.488	0.249

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

F.V/ Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	226.4	154.1	123.6	66.1	37.1	21.5	16.5	10.86	7.27	6.06	3.19
10.2V	207.6	143.8	119.0	63.5	35.6	21.0	16.2	10.70	7.05	5.98	3.13
10.5V	200.9	139.2	116.7	61.9	34.7	20.8	16.1	10.60	6.97	5.92	3.07
10.8V	193.1	134.6	113.8	60.3	33.8	20.5	15.9	10.51	6.90	5.86	3.01

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

E120053V	ExTell AGM VRLA Battery 12V 5Ah, Black
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