

GB1.3-12 (12V1.3AH)

G-BATT®



● Applications

- Cable Television System
- Uninterruptable Power Supply(UPS)
- Emergency Backup Power Supply
- Electronic Power System(EPS)

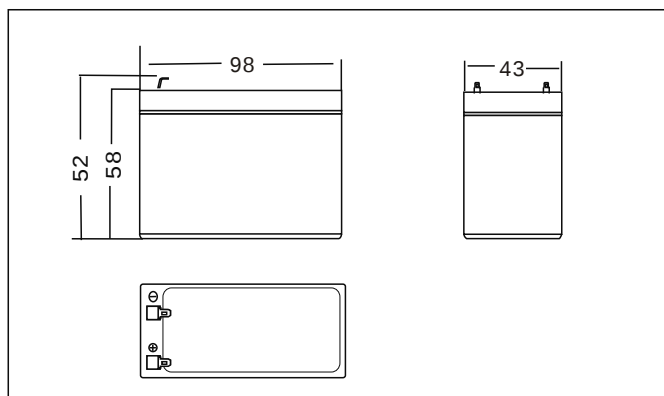
● Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		1.3Ah
Dimensions	Total Height	58mm(2.28 inches)
	Height	52mm(2.05 inches)
	Length	98mm(3.86 inches)
	Width	43mm(1.69 inches)
Weight Approx		0.56kg(1.23lbs)

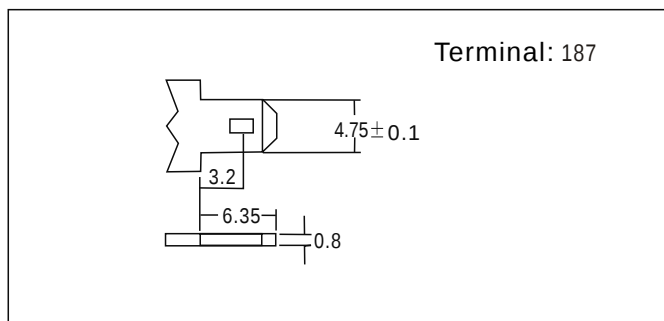
● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.065A)	1.30 AH
	10 hour rate(0.12A)	1.20 AH
	5 hour rate(0.21A)	1.05AH
	1hour rate(0.78A)	0.78 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	90mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Charge (constant voltage)	Cycle	Initial Charging Current Less than 0.69 A Voltage 14.50-14.90V
	Float	Voltage 13.50-13.80V

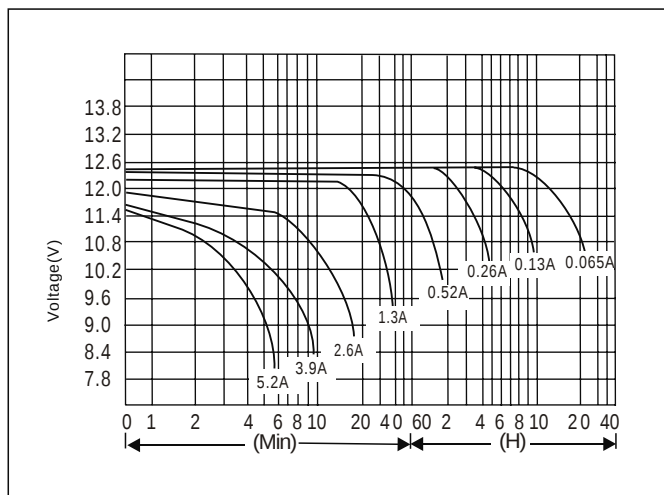
● Outer Dimensions (mm)



● Terminal Type (mm)



● Discharge Curves 25°C(77°F)



Constant Current(AMP) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	5.20	3.51	2.47	1.50	0.78	0.46	0.33	0.27	0.22	0.15	0.12	0.07
	W	55.2	37.3	26.2	15.9	9.00	5.30	3.87	3.11	2.64	1.74	1.42	0.78
10.20V	A	4.68	3.20	2.22	1.42	0.73	0.44	0.33	0.26	0.22	0.15	0.12	0.07
	W	51.9	35.4	24.6	15.8	8.50	5.10	3.76	3.01	2.59	1.71	1.40	0.76
10.50V	A	4.43	3.04	2.08	1.38	0.71	0.43	0.32	0.25	0.21	0.15	0.12	0.07
	W	50.2	34.5	23.6	15.6	8.20	5.00	3.70	2.86	2.57	1.70	1.39	0.75
10.80V	A	4.12	2.88	1.95	1.34	0.68	0.42	0.31	0.24	0.21	0.14	0.12	0.06
	W	47.9	33.5	22.7	15.5	8.00	4.89	3.66	2.82	2.46	1.63	1.35	0.74
11.10V	A	3.90	2.73	1.82	1.30	0.66	0.41	0.30	0.24	0.20	0.14	0.11	0.06
	W	46.4	32.4	21.6	15.4	7.90	4.81	3.55	2.82	2.41	1.57	1.33	0.73