

BC26-12 | 12V 26Ah

Valve Regulated Lead Acid Battery

BLACK BATT.

Specification

Rated Voltage	12V
Nominal Capacity (20 hour rate)	26Ah
Dimensions	Length 166 ± 3 mm (6.54 inches)
	Width 175 ± 3 mm (6.89 inches)
	Container Height 125 ± 3 mm (4.92 inches)
	Total Height 125 ± 3 mm (4.92 inches)
Approximate Weight	7.50kg ± 3% (16.60 lbs)
Short-circuit current	670A
Internal Resistance (25°C)	Approx. 17mΩ
Design Life	10 years design life (25°C)
Operating Temp. Range	Discharge -15~50°C (5~122°F)
	Charge -20~40°C (-4~104°F)
	Storage -15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)
Cyclic charging voltage(25°C)	14.50 to 14.90V Temperature compensation: -30mV/°C
Standby usage(25°C)	13.60 to 13.80V Temperature compensation: -18mV/°C
Temperature Affect on the Capacity	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	≤3% per month at 25°C (77°F). Blackbatt batteries may be stored up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.
Designed floating life (20°C)	10 years



Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	69.9	51.1	38.8	33.1	24.8	18.2	14.5	10.8	8.56	6.18	4.92	4.25	3.64	2.87	2.40	1.27
1.80V/cell	75.1	54.2	40.7	34.4	25.6	18.7	14.8	11.0	8.72	6.28	5.00	4.31	3.70	2.91	2.44	1.29
1.75V/cell	79.2	56.3	42.0	35.3	26.2	19.1	15.1	11.2	8.88	6.38	5.06	4.37	3.74	2.94	2.46	1.30
1.70V/cell	82.9	58.6	43.4	36.4	26.9	19.5	15.4	11.4	9.01	6.47	5.13	4.43	3.78	2.97	2.48	1.31
1.67V/cell	85.8	60.3	44.5	37.1	27.4	19.8	15.6	11.6	9.11	6.54	5.18	4.46	3.82	2.99	2.50	1.32
1.60V/cell	91.0	62.8	46.0	38.2	28.1	20.3	16.0	11.8	9.29	6.66	5.27	4.54	3.87	3.04	2.53	1.34

Constant Power Discharge (Watts/cell) at 25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	132.2	97.3	74.2	63.7	47.9	35.2	28.2	21.1	16.8	12.1	9.70	8.39	7.20	5.68	4.77	2.54
1.80V/cell	140.8	102.4	77.4	65.9	49.2	36.1	28.8	21.4	17.0	12.3	9.82	8.50	7.30	5.76	4.84	2.57
1.75V/cell	146.7	105.7	79.5	67.3	50.3	36.7	29.2	21.8	17.3	12.5	9.94	8.60	7.38	5.82	4.88	2.60
1.70V/cell	152.1	109.2	81.7	68.9	51.3	37.4	29.7	22.1	17.5	12.6	10.1	8.70	7.45	5.87	4.93	2.62
1.67V/cell	156.1	111.7	83.4	70.2	52.1	37.9	30.1	22.3	17.7	12.8	10.1	8.76	7.52	5.92	4.96	2.64
1.60V/cell	162.4	114.9	85.7	71.9	53.2	38.6	30.6	22.7	18.0	13.0	10.3	8.88	7.61	5.99	5.02	2.67

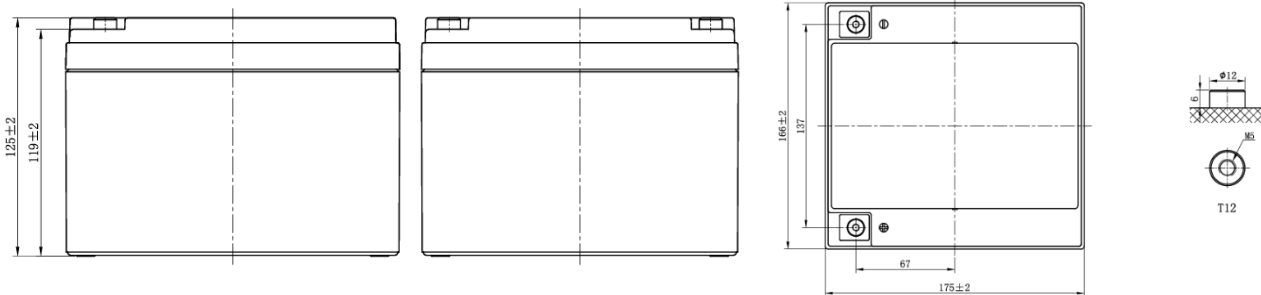
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

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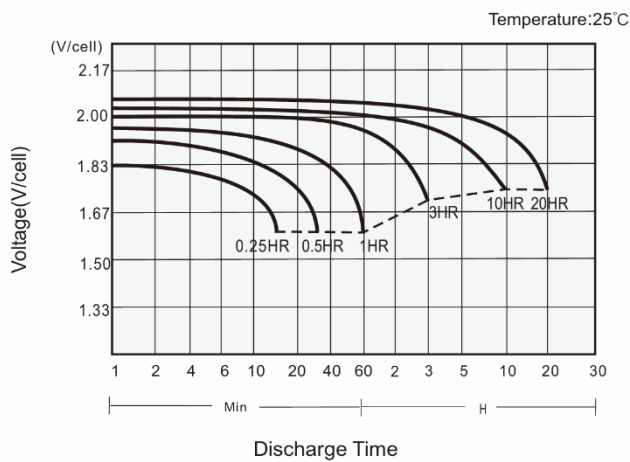
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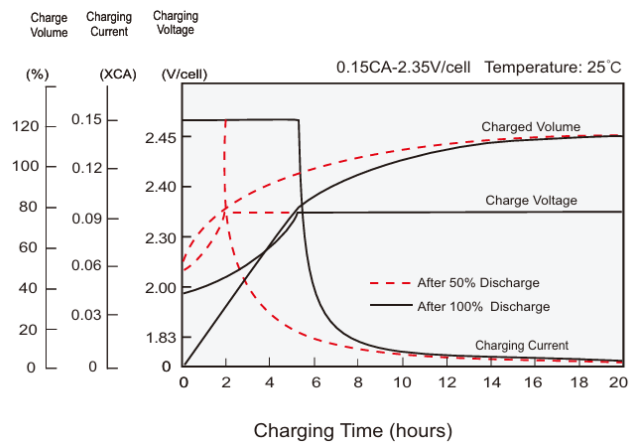
Dimensions | Terminal Type (unit:mm)



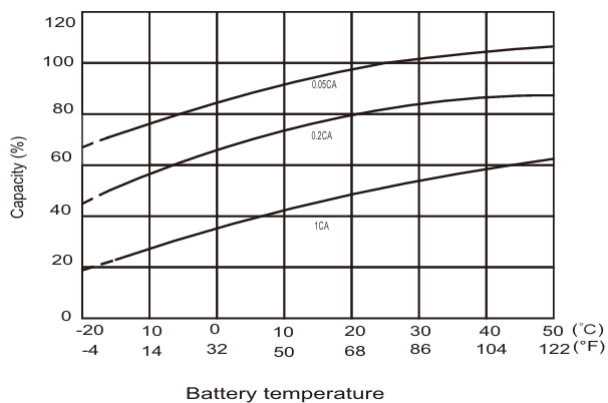
Discharge Characteristics



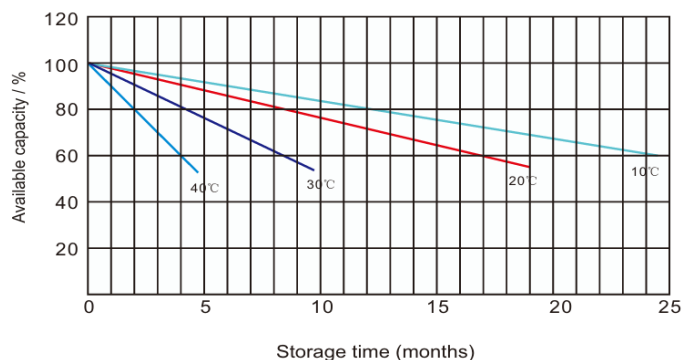
Charging Characteristics



Effects of Temperature on Capacity



Self Discharge Characteristics



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