



VRLA Rechargeable Battery

BC26-12 (BC26-12FR)

FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination

APPLICATION

- UPS
- Wheelchairs
- Lawn Mowers
- Electronic Medical Equipment
- Golf-Carts

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	20 Hour Rate (1300mA, 10.5V)	26.0 Ah
	10 Hour Rate (2470mA, 10.5V)	24.7 Ah
	5 Hour Rate (4420mA, 10.5V)	22.1 Ah
	1 Hour Rate (15600mA,9.3V)	15.6 Ah
Approx. Weight	7.6Kg(16.75lbs.)	
Terminals	B1 (Fitting M5 bolt & nut) , T2 and I1 are optional	
Max. Discharge Current	390 A (5 sec.)	
Max. Charge Current	7.8 A	
Operating Temperature Range	Charge	0°C~40°C(32°F~104°F)
	Discharge	-20°C~50°C(-4°F~122°F)
	Storage	-20°C~40°C(-4°F~104°F)
Self Discharge	< 3% per month (25°C)	
Internal Resistance	≤15mΩ (Fully Charged)	

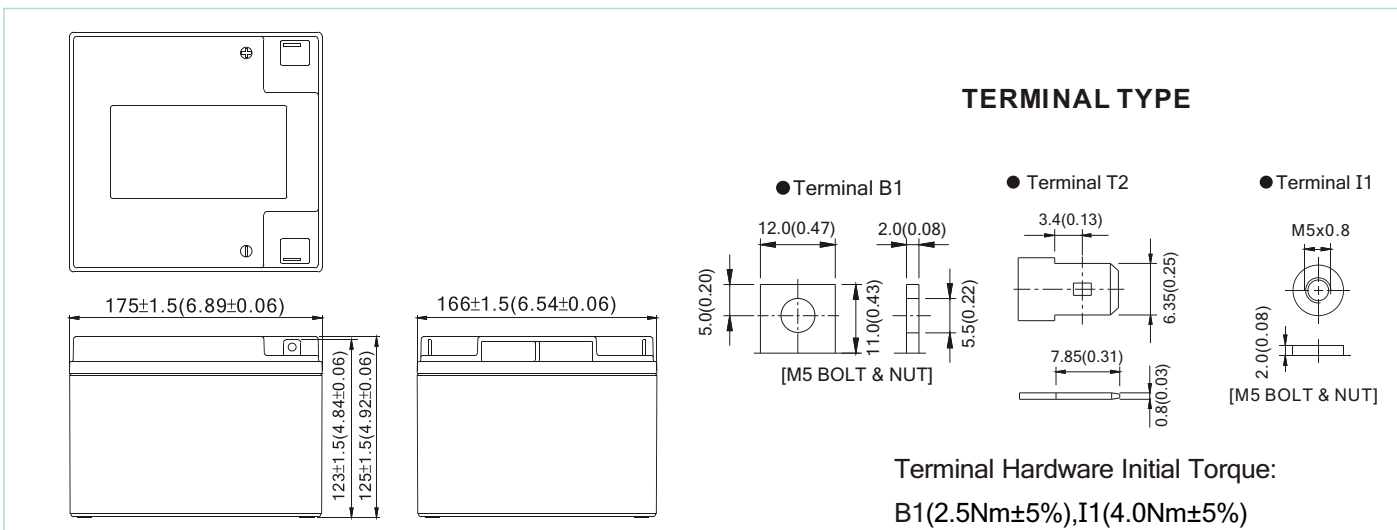


CONTAINER MATERIAL

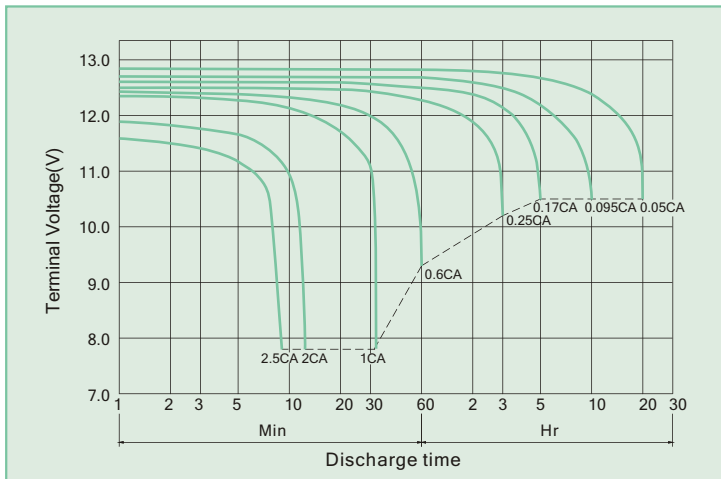
- BC26-12:
ABS: UL 94-HB (Dark gray color)
- BC26-12FR:
ABS: UL 94-V0 (Light gray color)

 ISO 9001	 ISO14001
 MH19884 UL	 C4M20310-2474-E-16 CE
● IEC61056	● JIS C 8702
● GB/T 19639	

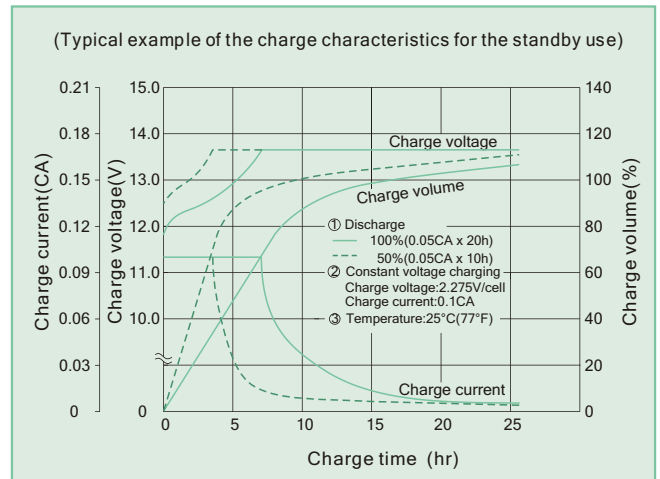
OUTER DIMENSIONS mm(Inch)	Length (L)	Width (W)	Container Height (H)	Total Height (TH)
	175±1.5(6.89±0.06)	166±1.5(6.54±0.06)	123±1.5(4.84±0.06)	125±1.5(4.92±0.06)



BC26-12 (BC26-12FR) discharge characteristics (25°C/77°F)



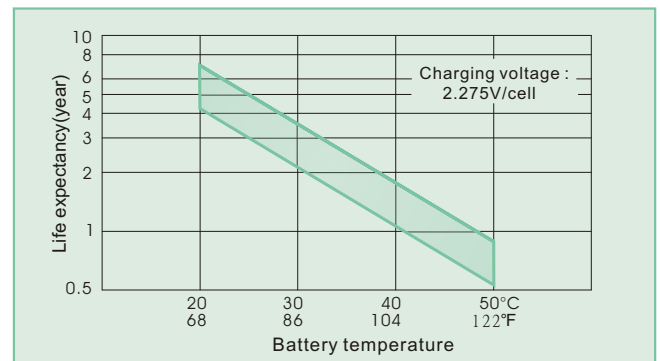
Battery Charging Characteristics



Charging Procedure

Application	Charging method	Charging Voltage at 25°C (V/cell)	Temperature compensation coefficient of charging voltage (mV/°C/cell)	Max. charging current (CA)	Charging time 0.1CA, 25°C (h)		Temp (°C)
					100% discharge	50% discharge	
For standby power Source	Constant voltage & Constant current charging (with current restriction)	2.25~2.30	-3	0.3	24	20	0~40 (32~104°F)
For cycle service		2.40~2.50	-4	0.3	16	10	

Effect Of Temperature On Long Term Float Life



Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	653.5	532.8	435.0	294.7	185.4	75.8	52.3	29.2	15.4
1.75V	734.4	577.0	454.9	306.1	191.0	77.3	53.0	29.6	15.6
1.70V	803.4	596.9	468.7	313.0	194.4	78.0	53.3	29.8	15.7
1.65V	839.7	612.1	479.7	317.4	196.8	78.6	53.5	29.9	15.7
1.60V	867.5	624.6	489.1	320.6	198.7	79.0	53.7	29.9	15.7

Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	59.5	48.1	38.9	25.2	15.6	6.3	4.4	2.5	1.3
1.75V	68.0	52.1	40.6	26.2	16.0	6.5	4.4	2.5	1.3
1.70V	74.5	54.0	41.9	26.8	16.4	6.5	4.5	2.5	1.3
1.65V	79.3	56.2	42.9	27.2	16.5	6.6	4.5	2.5	1.3
1.60V	83.5	58.4	43.7	27.4	16.7	6.6	4.5	2.5	1.3

All data shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.

Trial A/1 REV. May, 2010

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