



THE DATASHEET OF EP26-12-B1



VRLA Rechargeable Battery

EP26-12



FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- The battery is designed for heavy duty cyclic application
- Low self-discharge rate, lower than 3% capacity loss per month

APPLICATION

- UPS
- Golf-Carts
- Wheelchairs
- Lawn Mowers
- Electric Vehicles



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	26Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	9600g(21.17lbs.)
Terminals	B1 (Fitting M5 bolt & nut) , T2 and I1 are optional
Internal Resistance	$\leq 10\text{m}\Omega$ (Fully Charged)
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)
Container Material	Standard: ABS(UL 94-HB) EP26-12 Optional: Flame Retardant ABS(UL 94-V0) EP26-12FR



- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

175±1.5 (6.89±0.06)

Width

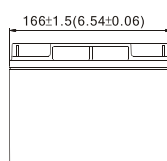
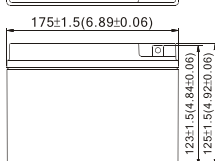
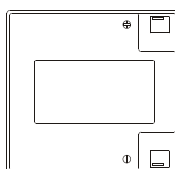
166±1.5 (6.54±0.06)

Container Height

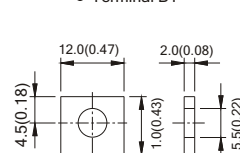
125±1.5 (4.92±0.06)

Total Height

125±1.5 (4.92±0.06)

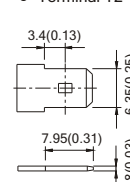


Terminal B1

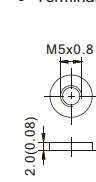


[M5 BOLT & NUT]

Terminal T2



Terminal I1



[M5 BOLT & NUT]

Terminal Hardware Initial Torque: B1 (2.5Nm±5%), I1 (4.0Nm±5%)

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		847.0	636.6	515.5	310.1	179.8	75.8	52.4	29.19	15.26
1.75V		981.0	689.7	539.7	322.0	185.0	77.3	53.1	29.64	15.60
1.70V		1040.0	714.6	556.0	329.1	188.3	78.0	53.5	29.79	15.67
1.65V		1088.0	731.7	569.0	333.9	190.9	78.7	53.9	29.86	15.71
1.60V		1122.0	746.2	580.2	337.3	192.8	79.1	53.9	29.86	15.71

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		76.3	56.0	44.8	26.3	15.1	6.32	4.37	2.43	1.27
1.75V		90.0	60.7	46.9	27.3	15.5	6.44	4.43	2.47	1.30
1.70V		95.4	62.9	48.3	27.9	15.8	6.50	4.46	2.48	1.31
1.65V		99.8	64.4	49.5	28.3	16.0	6.56	4.49	2.49	1.31
1.60V		102.9	65.7	50.5	28.6	16.2	6.59	4.49	2.49	1.31

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