

BB BP1.0-6 VRLA Battery Datasheet

<http://www.manuallib.com/bb/bp1-0-6-vrla-battery-datasheet.html>

FEATURES

Maintenance free(no water topping-up required).

No free acid(Non-spillable battery).

Low self-discharge rate, lower than 3% capacity loss per month.

Can be used in any orientation(excluding used inverted).

Absorbent Glass Mat technology for efficient gas recombination.

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VRLA Rechargeable Battery

BP1.0-6 (BP1.0-6FR)



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APPLICATION

- UPS
- Security
- Medical
- Lojack



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	1.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	250g(0.55lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤65m Ω (Fully Charged)
Max. Discharge Current	15 A (5 sec.)
Max. Charge Current	0.3 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	ABS(UL94-HB, UL94-V0 is optional)

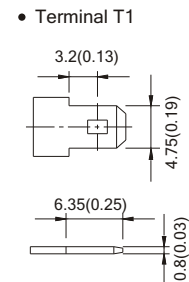
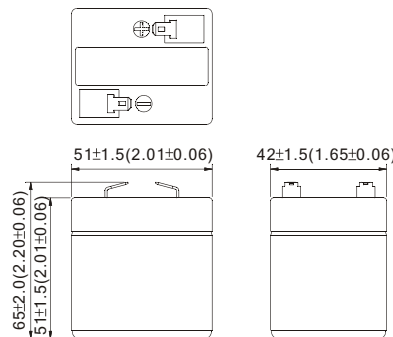
ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC 61056-1 ● JIS C 8702-1 ● GB/T 19639.1 	

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
51±1.5 (2.01±0.06)
- **Width**
42±1.5 (1.65±0.06)
- **Container Height**
51±1.5 (2.01±0.06)
- **Total Height**
56±2.0 (2.20±0.08)



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	18.08	13.31	10.66	6.35	3.639	1.457	1.005	0.562	0.296
1.75V	20.92	14.42	11.15	6.59	3.748	1.487	1.020	0.570	0.300
1.70V	22.23	14.94	11.50	6.74	3.816	1.500	1.026	0.573	0.300
1.65V	23.23	15.29	11.76	6.83	3.861	1.510	1.029	0.575	0.300
1.60V	24.00	15.60	12.00	6.90	3.900	1.520	1.032	0.575	0.300

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	3.26	2.34	1.85	1.075	0.612	0.243	0.167	0.094	0.049
1.75V	3.84	2.54	1.94	1.116	0.630	0.248	0.170	0.095	0.050
1.70V	4.08	2.63	2.00	1.142	0.641	0.250	0.171	0.095	0.050
1.65V	4.26	2.69	2.05	1.158	0.649	0.252	0.172	0.096	0.050
1.60V	4.40	2.75	2.09	1.169	0.655	0.253	0.172	0.096	0.050

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