VRLA Rechargeable Battery

BPS3-12

FEATURES

- Maintenance Free (topping up not needed)
- Non - spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations

APPLICATIONS

- UPS
- Security Systems
- Medical Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes

SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1300g(2.87lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≦50m Ω (Fully Charged)
Max. Discharge Current	45 A (5 sec.)
Max. Charge Current	0.9 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) BPS3-12 Optional: Flame Retardant ABS(UL 94-V0) BPS3-12FR

WSF ISO9001 MH19884
WSF ISO14001 CE
WSF OHSMS

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

DIMENSION(mm/inch)

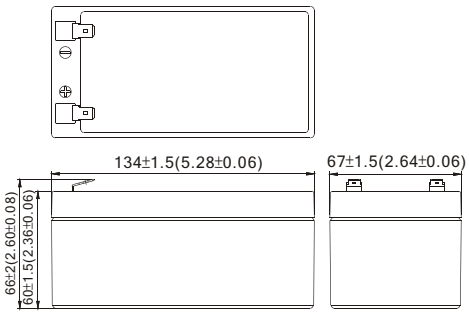
■ **Length**
134±1.5 (5.28±0.06)

■ **Width**
67±1.5 (2.64±0.06)

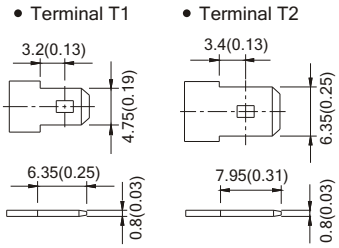
■ **Container Height**
60±1.5 (2.36±0.06)

■ **Total Height**
66±2.0 (2.60±0.08)

OUTER DIMENSIONS



TERMINAL TYPE



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	108.5	79.8	64.0	38.07	21.83	8.74	6.029	3.369	1.773
1.75V	125.5	86.5	66.9	39.52	22.49	8.92	6.120	3.420	1.800
1.70V	133.4	89.6	69.0	40.42	22.89	9.00	6.153	3.437	1.812
1.65V	139.4	91.8	70.6	40.99	23.17	9.06	6.175	3.447	1.812
1.60V	144.0	93.6	72.0	41.40	23.40	9.12	6.193	3.447	1.812

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	9.77	7.03	5.56	3.23	1.835	0.729	0.502	0.281	0.148
1.75V	11.52	7.61	5.82	3.35	1.890	0.743	0.510	0.285	0.150
1.70V	12.24	7.89	6.00	3.43	1.924	0.750	0.513	0.286	0.151
1.65V	12.79	8.08	6.14	3.47	1.947	0.755	0.515	0.287	0.151
1.60V	13.21	8.24	6.26	3.51	1.966	0.760	0.516	0.287	0.151

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