VRLA Rechargeable Battery

BPS4-6 (BPS4-6FR)

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.

APPLICATION

- UPS
- Fans
- Electronic Toy-Cars
- Emergency Lights
- Rechargeable Flashlights

SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	4.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	850g(1.87lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≦25mΩ (Fully Charged)
Max. Discharge Current	60 A (5 sec.)
Max. Charge Current	1.20 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)

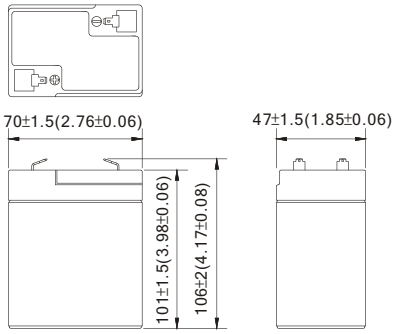
WSF ISO9001 MH19884
WSF ISO14001 CE
WSF OHSMS

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

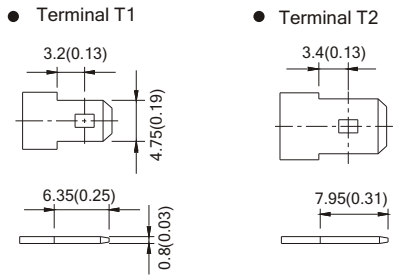
DIMENSION(mm/inch)

- **Length**
  70±1.5 (2.76±0.06)
- **Width**
  47±1.5 (1.85±0.06)
- **Container Height**
  101±1.5 (3.98±0.06)
- **Total Height**
  106±2.0 (4.17±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	72.31	53.23	42.66	25.38	14.556	5.830	4.020	2.246	1.182
1.75V	83.70	57.67	44.62	26.34	14.993	5.946	4.080	2.280	1.200
1.70V	88.93	59.74	46.00	26.95	15.262	6.000	4.102	2.291	1.206
1.65V	92.92	61.18	47.06	27.33	15.446	6.042	4.117	2.298	1.212
1.60V	96.00	62.40	48.00	27.60	15.600	6.078	4.129	2.298	1.212

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	13.03	9.37	7.42	4.30	2.446	0.972	0.670	0.374	0.197
1.75V	15.36	10.15	7.76	4.47	2.520	0.991	0.680	0.380	0.200
1.70V	16.32	10.52	8.00	4.57	2.565	1.000	0.684	0.382	0.201
1.65V	17.05	10.77	8.18	4.63	2.596	1.007	0.686	0.383	0.202
1.60V	17.61	10.99	8.35	4.68	2.622	1.013	0.688	0.383	0.202

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

Powered by **B.B. Tech(Changsha) Co., Ltd.**