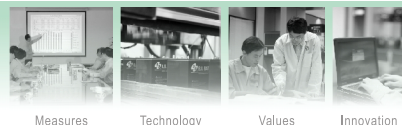




VRLA Rechargeable Battery

BPS5-12



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.
- Service Life — 12 Years.
According to Eurobat (20 °C) — Very Long Life

APPLICATIONS


- UPS
- Electronic Doorbells
- Toy-Cars
- Fans

SPECIFICATIONS

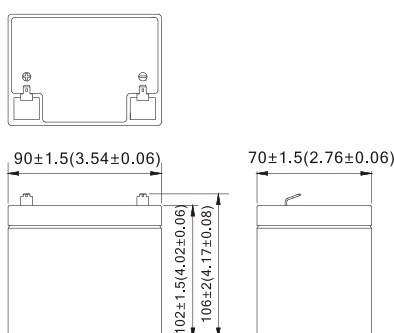
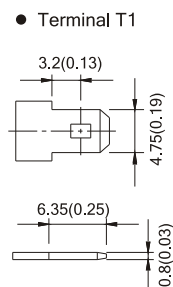
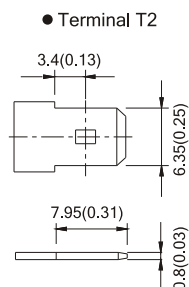
Nominal Voltage	12 V
Nominal Capacity	5.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1800g(3.97lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤27m Ω (Fully Charged)
Max. Discharge Current	75 A (5 sec.)
Max. Charge Current	1.5 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage. : -20°C~40°C(-4°F~104°F)
Container Material	Standard: ABS(UL94 HB) BPS5-12 Optional: Flame Retardant ABS(UL94 V-0) BPS5-12FR



MH19884



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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
■ Length 90±1.5(3.54±0.06) ■ Width 70±1.5(2.76±0.06) ■ Container Height 102±1.5(4.02±0.06) ■ Total Height 106±2.0(4.17±0.08)		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>● Terminal T1</p>  </div> <div style="text-align: center;"> <p>● Terminal T2</p>  </div> </div>

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		180.8	133.1	106.6	63.5	36.39	14.57	10.05	5.62	2.96
1.75V		209.2	144.2	111.5	65.9	37.48	14.87	10.20	5.70	3.00
1.70V		222.3	149.4	115.0	67.4	38.16	15.00	10.26	5.73	3.01
1.65V		232.3	152.9	117.6	68.3	38.61	15.10	10.29	5.75	3.02
1.60V		240.0	156.0	120.0	69.0	39.00	15.20	10.32	5.75	3.02

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		16.3	11.71	9.27	5.38	3.06	1.21	0.837	0.468	0.246
1.75V		19.2	12.69	9.70	5.58	3.15	1.24	0.850	0.475	0.250
1.70V		20.4	13.15	10.00	5.71	3.21	1.25	0.855	0.477	0.251
1.65V		21.3	13.46	10.23	5.79	3.24	1.26	0.858	0.479	0.252
1.60V		22.0	13.73	10.43	5.85	3.28	1.27	0.860	0.479	0.252

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