

VRLA Rechargeable Battery

EVP12-12

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 high power & high cyclic usage
- Its design life is approx.300 cycles at 100% discharge in cycle service at 77°F/25°C

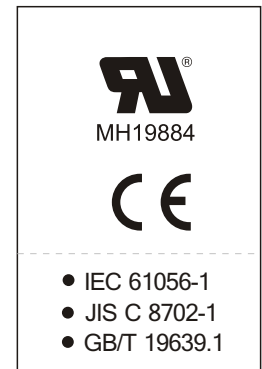
APPLICATION

- UPS
- Electrical Bicycle
- Lawn Mower
- Fishing Lights



SPECIFICATIONS

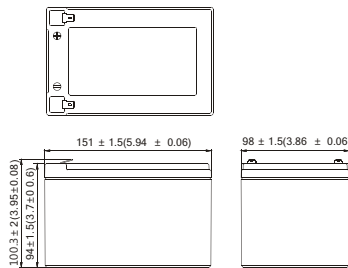
Nominal Voltage	12V
Nominal Capacity	12.0 Ah@20 Hour Rate (600mA, 10.5V)
Approx. Weight	4200g(9.25lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Max. Discharge Current	180 A (5 sec.)
Max. Charge Current	3.6 A
Operating Temperature Range	Charge 0°C~40°C(32°F~104°F) Discharge -20°C~50°C(-4°F~122°F) Storage -20°C~40°C(-4°F~104°F)
Internal Resistance	≤ 12mΩ (Fully Charged)
Container Material	Standard: ABS(UL 94-HB) BPL12-12 Optional: Flame Retardant ABS (UL 94-V0) BPL12-12FR



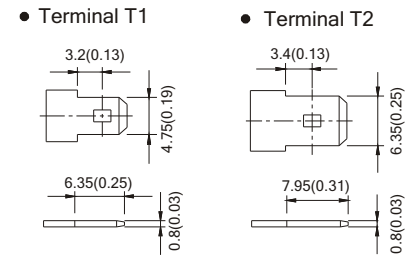
DIMENSION(mm/inch)

- Length
151±1.5(5.94±0.06)
- Width
98±1.5(3.86±0.06)
- Container Height
94±1.5(3.70±0.06)
- Total Height
100.3±2.0(3.95±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		515	365	263	165	94.1	38.2	24.1	13.4	7.05
1.75V		597	396	278	171	96.8	39.1	24.5	13.7	7.20
1.70V		634	412	286	175	99.0	39.4	24.7	13.8	7.23
1.65V		663	421	293	178	100.0	39.8	24.8	13.8	7.25
1.60V		685	428	299	180	101.0	40.0	24.9	13.8	7.25

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		47.73	33.20	24.89	14.60	7.91	3.18	2.01	1.12	0.59
1.75V		56.30	36.31	26.38	15.16	8.14	3.26	2.05	1.14	0.60
1.70V		59.82	37.76	27.15	15.50	8.32	3.29	2.06	1.15	0.60
1.65V		62.52	38.58	27.77	15.74	8.41	3.32	2.07	1.15	0.60
1.60V		64.58	39.28	28.26	15.93	8.48	3.33	2.08	1.15	0.60

All data and artworks shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.
B/2 REV. Jun. 2019