



VRLA Rechargeable Battery

EVP7-12



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


APPLICATIONS

- UPS
- Fishing Lights
- Lawn Mower
- Power Packs
- Laboratory Equipment




SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2750g(6.06lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤15mΩ (Fully Charged)
Max. Discharge Current	105 A (5 sec.)
Max. Charge Current	2.1 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) EVP7-12 Optional: Flame Retardant ABS(UL94 V-0) EVP7-12FR



MH19884



C4M20310-2474-E-16

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 151±1.5 (5.94±0.06) ■ Width 65±1.5 (2.56±0.06) ■ Container Height 94±1.5 (3.70±0.06) ■ Total Height 100±2.0 (3.94±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 ● Terminal T2

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		301	213	153	96.3	54.9	22.3	14.1	7.84	4.11
1.75V		348	231	162	99.9	56.5	22.8	14.3	8.00	4.20
1.70V		370	240	167	102.0	57.8	23.0	14.4	8.05	4.22
1.65V		387	245	171	104.0	58.4	23.2	14.5	8.07	4.23
1.60V		399	250	174	105.0	58.9	23.3	14.5	8.07	4.23

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		27.84	19.37	14.52	8.52	4.61	1.86	1.17	0.65	0.34
1.75V		32.84	21.18	15.39	8.84	4.75	1.90	1.19	0.67	0.35
1.70V		34.89	22.02	15.84	9.04	4.85	1.92	1.20	0.67	0.35
1.65V		36.47	22.51	16.20	9.18	4.91	1.94	1.21	0.67	0.35
1.60V		37.67	22.91	16.49	9.29	4.95	1.94	1.21	0.67	0.35

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