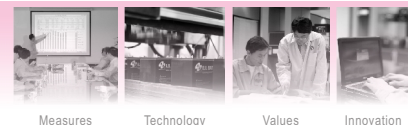




VRLA Rechargeable Battery

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

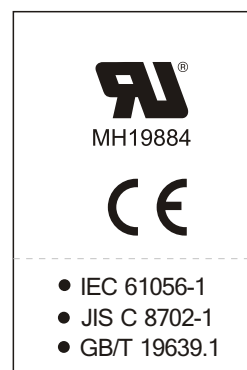
APPLICATIONS

- 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(UL94 HB)	EVP12-12
	Optional: Flame Retardant ABS(UL94 V-0)	EVP12-12FR



DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ 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±2.0(3.93±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 ● Terminal T2

Constant power discharge characteristics at 25 °C/77 °F Unit: W

Discharge Time F.V. (V/cell)	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

Discharge Time F.V. (V/cell)	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/4 REV. May. 2021

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ 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±2.0(3.93±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 3.2(0.13) 4.75(0.19) 6.35(0.25) 0.8(0.03) ● Terminal T2 3.4(0.13) 6.35(0.25) 7.95(0.31) 0.8(0.03)

Constant power discharge characteristics at 25 °C/77 °F Unit: W

Discharge Time F.V. (V/cell)	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
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