

VRLA Rechargeable Battery

HR15-12

FEATURES

- 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 rate usage
- Its design life is up to 6 years in floating application
- Absorbent Glass Mat technology for efficient gas recombination
- The power density at 5 min~15min discharging rate is 30% higher than BP series

APPLICATION

- UPS
- Power Packs
- Fishing Lights



SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	13.0 Ah@10 Hour Rate (1300mA, 10.5V)
Approx. Weight	4200g(9.26lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Max. Discharge Current	180 A (5 sec.)
Max. Charge Current	3.9 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) HR15-12 Optional: Flame Retardant ABS (UL 94-V0) HR15-12FR

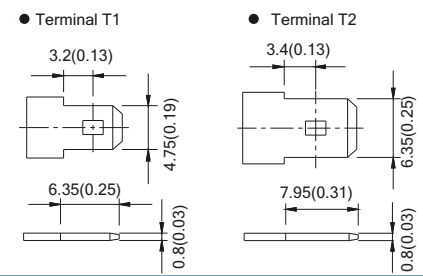
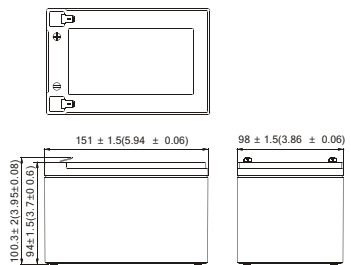
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CE

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

DIMENSION(mm/inch) OUTER DIMENSIONS TERMINAL TYPE

- 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)



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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	615.0	420.0	304.1	259.5	197.3	150.0	125.3	110.3	60.8
1.70V	735.0	468.8	330.8	274.9	205.5	155.6	129.4	112.9	62.0
1.60V	787.5	493.1	345.8	285.0	210.0	159.4	132.0	114.8	63.0
1.50V	810.0	502.5	353.3	289.5	212.6	161.3	133.5	115.9	63.3
1.40V	825.0	509.3	357.4	292.1	214.1	162.4	134.6	116.6	63.5
1.30V	832.5	513.8	360.0	294.0	215.3	163.1	135.4	117.0	63.7

Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	54.91	36.84	26.31	22.26	16.72	12.62	10.49	9.19	5.07
1.70V	66.82	41.12	28.62	23.58	17.42	13.09	10.83	9.41	5.17
1.60V	71.59	43.25	29.91	24.44	17.80	13.41	11.05	9.57	5.25
1.50V	73.64	44.08	30.56	24.83	18.02	13.57	11.17	9.66	5.28
1.40V	75.00	44.68	30.92	25.05	18.14	13.66	11.26	9.72	5.29
1.30V	75.68	45.07	31.14	25.21	18.25	13.72	11.33	9.75	5.31