

VRLA Rechargeable Battery

HR9-6 (HR9-6FR)

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)
- The battery is designed for high rate usage
- The power density at 5 min~15min discharging rate is 30% higher than BP series

APPLICATION

- UPS
- Toy-Cars
- Power Packs
- Laboratory Equipment
- Fishing Lights



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	8.0Ah @ 10 hour rate F.V.(1.75V/cell)
Approx. Weight	1400g(3.09lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≦7.5mΩ (Fully Charged)
Max. Discharge Current	120 A (5 sec.)
Max. Charge Current	2.4 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	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001

ISO14001

UL MH19884

CE C4M20310-2474-E-16

- IEC61056
- JIS C 8702
- GB/T 19639

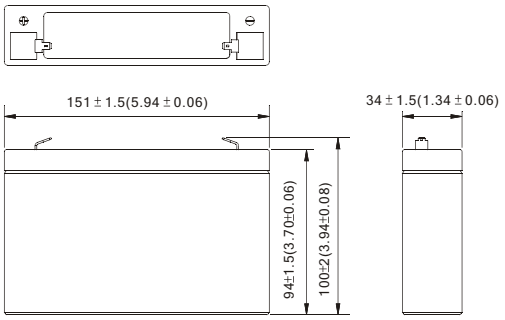
DIMENSION(mm/inch) OUTER DIMENSIONS TERMINAL TYPE

■ **Length**
151±1.5 (5.94±0.06)

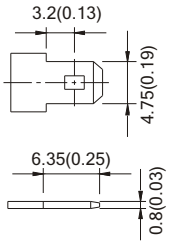
■ **Width**
34±1.5 (1.34±0.06)

■ **Container Height**
94±1.5 (3.70±0.06)

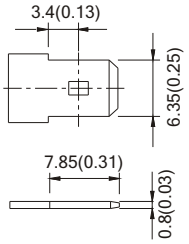
■ **Total Height**
100±2.0 (3.94±0.08)



• 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	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	184.5	126.0	91.3	77.9	59.2	45.0	37.6	33.1	18.3
1.70V	220.5	140.7	99.3	82.5	61.7	46.7	38.8	33.9	18.6
1.60V	236.3	148.0	103.8	85.5	63.0	47.8	39.6	34.5	18.9
1.50V	243.0	150.8	106.0	86.9	63.8	48.4	40.1	34.8	19.0
1.40V	247.5	152.8	107.2	87.7	64.3	48.7	40.4	35.0	19.1
1.30V	249.8	154.2	108.0	88.2	64.6	49.0	40.6	35.1	19.1

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	32.95	22.11	15.79	13.35	10.03	7.57	6.29	5.52	3.04
1.70V	40.09	24.68	17.17	14.14	10.45	7.86	6.49	5.64	3.10
1.60V	42.95	25.96	17.95	14.67	10.68	8.04	6.63	5.74	3.15
1.50V	44.18	26.45	18.34	14.90	10.81	8.14	6.70	5.79	3.17
1.40V	45.00	26.81	18.55	15.03	10.89	8.19	6.76	5.83	3.18
1.30V	45.41	27.04	18.69	15.13	10.95	8.23	6.79	5.85	3.18

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