



# VRLA Rechargeable Battery

## BC7.2-12



### FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination

### APPLICATION

- UPS
- Power Packs
- Fishing Lights
- Laboratory Equipment



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.2Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2200g(4.85lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤25mΩ (Fully Charged )
Max. Discharge Current	108 A (5 sec.)
Max. Charge Current	2.16 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( UL 94-HB) BC7.2-12 Optional: Flame Retardant ABS(UL 94-V0) BC7.2-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b> 151±1.5 (5.94±0.06)</p> <p>■ <b>Width</b> 65±1.5 (2.56±0.06)</p> <p>■ <b>Container Height</b> 94±1.5 (3.70±0.06)</p> <p>■ <b>Total Height</b> 100±2.0 (3.94±0.08)</p>		<p>● Terminal T1</p> <p>● Terminal T2</p>

### 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	260	191	153	91.3	52.4	20.40	14.47	8.08	4.26
1.75V	301	208	160	94.8	54.0	20.81	14.69	8.21	4.32
1.70V	320	215	166	97.0	54.9	21.00	14.77	8.25	4.34
1.65V	334	220	170	98.3	55.6	21.15	14.82	8.27	4.36
1.60V	346	224	173	99.4	56.2	21.27	14.86	8.27	4.36

### 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	23.5	16.9	13.4	7.75	4.40	1.75	1.205	0.674	0.355
1.75V	27.7	18.3	14.0	8.03	4.54	1.78	1.224	0.684	0.360
1.70V	29.4	18.9	14.4	8.22	4.62	1.80	1.230	0.687	0.362
1.65V	30.7	19.3	14.7	8.34	4.67	1.81	1.235	0.689	0.363
1.60V	31.7	19.7	15.0	8.42	4.72	1.82	1.238	0.689	0.363

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