



# VRLA Rechargeable Battery

## EVP26-12



### FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- 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 power & high cyclic usage

### APPLICATION

- UPS
- Wheelchairs
- Lawn Mowers
- Electronic Vehicle
- Golf-Carts
- Electronic Medical Equipment



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	26Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	10.0Kg(22.05lbs.)
Terminals	B1 (Fitting M5 bolt & nut) , T2 and I1 are optional
Internal Resistance	≤7mΩ (Fully Charged)
Max. Discharge Current	390 A (5 sec.)
Max. Charge Current	7.8 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) EVP26-12 Optional: Flame Retardant ABS(UL 94-V0) EVP26-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b> 175±1.5 (6.89±0.06)</p> <p>■ <b>Width</b> 166±1.5 (6.54±0.06)</p> <p>■ <b>Container Height</b> 125±1.5 (4.92±0.06)</p> <p>■ <b>Total Height</b> 125±1.5 (4.92±0.06)</p>		<p>● Terminal B1</p> <p>● Terminal T2</p> <p>● Terminal I1</p> <p>Terminal Hardware Initial Torque: B1(2.5Nm±5%),I1(4.0Nm±5%)</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	1117	791	569	358	204	82.7	52.3	29.1	15.3
1.75V	1293	857	602	371	210	84.8	53.2	29.7	15.6
1.70V	1374	892	619	379	215	85.4	53.6	29.9	15.7
1.65V	1436	911	636	385	217	86.3	53.8	30.0	15.7
1.60V	1483	928	647	390	219	86.6	54.0	30.0	15.7

### 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	103.41	71.93	53.93	31.64	17.13	6.89	4.36	2.43	1.27
1.75V	121.97	78.66	57.16	32.84	17.63	7.07	4.43	2.48	1.30
1.70V	129.61	81.81	58.82	33.57	18.03	7.12	4.47	2.49	1.31
1.65V	135.46	83.59	60.17	34.10	18.22	7.19	4.49	2.50	1.31
1.60V	139.92	85.11	61.24	34.51	18.37	7.21	4.50	2.50	1.31

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