



VRLA Rechargeable Battery

EB150-12



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
- Wheelchairs
- Lawn Mowers
- Golf-Carts
- Electric Motorcycle



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	150.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	46.0Kg(101.4lbs.)
Terminals	I3 (M8 Female thread)
Internal Resistance	≤3.5m Ω (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	45.0 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(UL94 HB) EB150-12
	Optional: Flame Retardant ABS(UL94 V-0) EB150-12FR



MH19884



- IEC 60896-21/22
- JIS C 8704-2
- GB/T 19638.2

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

344±2.0 (13.54±0.08)

Width

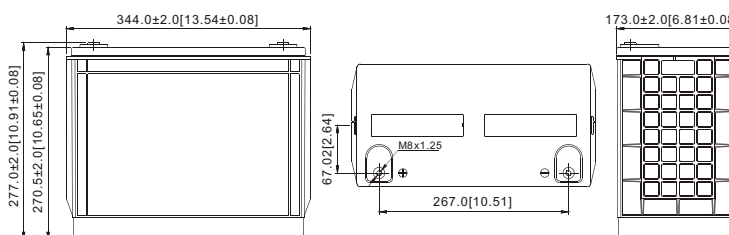
173±2.0 (6.81±0.08)

Container Height

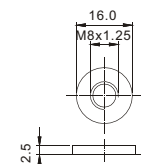
270.5±2.0 (10.65±0.08)

Total Height

277±2.0 (10.91±0.08)



Terminal I3



Terminal Hardware Initial Torque:
I3(10.0Nm±5%)

Constant power discharge characteristics at 25 °C/77 °F

Unit: W

Discharge Time F.V. (V/cell)	15 Min	30 Min	40 Min	1 Hr	2 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	2923.3	1814.8	1434.4	1040.5	607.1	436.1	300.2	166.9	87.2
1.75V	3061.6	1884.5	1488.0	1070.6	617.9	444.9	304	169.5	89.2
1.70V	3153.1	1925.7	1523.4	1086.5	629.1	449.0	306.3	170.4	89.6
1.65V	3227.6	1953.8	1549.7	1104.5	635.2	452.2	308.5	170.8	89.8
1.60V	3291.4	1973.6	1558.8	1115.8	638.5	454.8	308.7	170.8	89.8
1.50V	3327.2	1993.5	1576.0	1127.5	641.6	457.2	309.0	170.8	89.8

Constant current discharge characteristics at 25 °C/77 °F

Unit: A

Discharge Time F.V. (V/cell)	15 Min	30 Min	40 Min	1 Hr	2 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	255.5	159.4	125.6	87.3	58.1	36.4	25.1	14.04	7.41
1.75V	267.3	165.3	130.3	90.0	60.1	37.2	25.5	14.25	7.50
1.70V	275.8	169.3	133.4	91.7	60.6	37.5	25.6	14.32	7.51
1.65V	282.3	172.3	135.7	92.7	60.8	37.8	25.7	14.36	7.56
1.60V	287.6	173.3	136.5	93.6	60.9	38.0	25.8	14.36	7.56
1.50V	293.5	175.0	138.0	93.6	60.9	38.0	25.8	14.36	7.56

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