



VRLA Rechargeable Battery

FTB155-12 s



FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- Front accessible terminal for ease of assembly
- Carry handles for ease of installation
- Strengthened rib design to maintain structural integrity
- Flame-arrestor is installed to ensure safety
- Battery design allows for 48VDC configuration in a standard 23" rack
- One-way self-resealing safety valve for long life guarantee

APPLICATION

- Telecom
- UPS
- Broadband
- Electric Utility
- Railroad Signal
- Central Office



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	155Ah @ 8 hour rate F.V.(1.75V/cell)
Approx. Weight	53.5Kg(117.9lbs.)
Terminals	I3 (M8 Female Thread) I2 is optional
Internal Resistance	≤ 3.5m Ω (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	38.8 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)
Safety Valve	Opening pressure 10~35 kPa
Container Material	Standard: ABS(UL 94-HB) FTB155-12 s Optional: Flame Retardant ABS(UL 94-V0) FTB155-12FR s



- IEC60896
- BS6290/4
- GB/T 19638
- Eurobat guide

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

560±2.0 (22.05±0.08)

Width

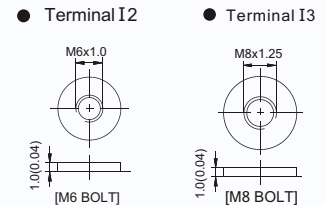
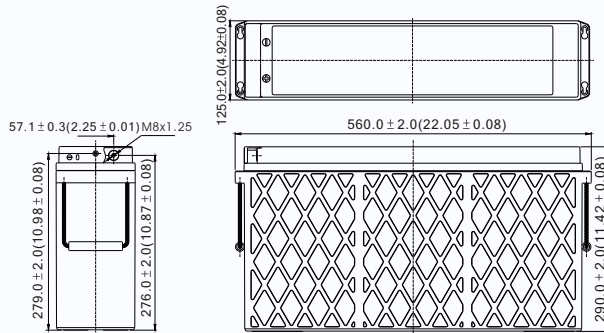
125±2.0 (4.92±0.08)

Container Height

290±2.0 (11.42±0.08)

Total Height

290±2.0 (11.42±0.08)



Terminal Hardware Initial Torque:
I2(5.5Nm ±5%), I3(10.0Nm ±5%)

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

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V	1944	1627	1263	996.4	631.0	458.0	361.7	298.8	204.60	167.83	90.72
1.85V	2294	1846	1382	1109.2	695.0	500.4	394.3	325.0	225.30	182.40	98.64
1.80V	2592	1962	1475	1171.5	722.9	518.6	407.6	334.6	227.90	188.84	102.10
1.75V	2845	2035	1524	1200.0	737.1	525.9	414.9	341.8	231.60	190.78	103.80
1.70V	3047	2081	1554	1218.5	744.2	530.7	418.5	343.0	232.29	191.16	103.90
1.65V	3222	2111	1591	1235.0	750.1	535.6	422.2	344.2	233.69	191.93	104.11
1.60V	3280	2131	1605	1242.5	753.1	537.2	423.0	344.8	234.39	192.31	104.22

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

F.V. (V/cell) \ Discharge Time	15 Min	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V	164.2	135.6	105.4	84.80	53.25	38.33	30.20	24.90	17.05	14.00	7.56
1.85V	194.0	155.4	116.0	94.40	58.65	41.88	32.86	27.20	18.85	15.20	8.22
1.80V	222.5	166.3	124.3	100.0	61.00	43.40	34.00	28.20	19.07	15.74	8.51
1.75V	248.7	172.5	128.5	102.10	62.20	44.01	34.60	28.60	19.38	15.90	8.65
1.70V	268.9	176.3	131.0	103.70	62.80	44.40	34.90	28.70	19.44	15.93	8.66
1.65V	281.3	178.9	134.2	105.10	63.30	44.80	35.20	28.80	19.55	16.00	8.68
1.60V	284.7	180.6	135.3	105.73	63.55	44.93	35.27	28.85	19.61	16.03	8.68

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

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