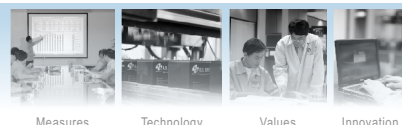




VRLA Rechargeable Battery

FTB155-12



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 19" rack
- One-way self-sealing safety valve for long life guarantee

APPLICATIONS

- 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	55.4Kg(122.1lbs.)
Terminals	I3 (M8 Female Thread)
Internal Resistance	$\leq 2.8m \Omega$ (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(UL94 HB) FTB155-12 Optional: Flame Retardant ABS(UL94 V-0) FTB155-12FR

UL
MH19884

CE
C4M20310-2474-E-16

- IEC 60896-21/22
- BS 6290/4
- GB/T 19638.1
- Eurobat guide

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

560±2.0 (22.05±0.08)

Width

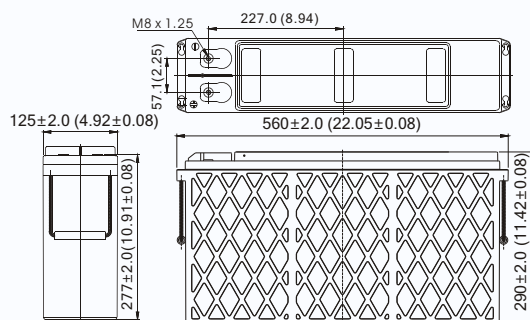
125±2.0 (4.92±0.08)

Container Height

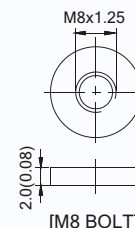
290±2.0 (11.42±0.08)

Total Height

290±2.0 (11.42±0.08)



Terminal I3



Terminal Hardware Initial Torque: 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		2057	1767	1291	996.4	631.0	458.0	361.7	298.8	204.60	167.83	90.72
1.85V		2436	1944	1411	1109.2	695.0	500.4	394.3	325.0	225.30	182.40	98.64
1.80V		2743	2065	1490	1171.5	722.9	518.6	407.6	334.6	227.90	188.84	102.10
1.75V		2953	2143	1540	1200.0	737.1	525.9	414.9	341.8	231.60	190.78	103.80
1.70V		3129	2190	1570	1218.5	744.2	530.7	418.5	343.0	231.60	190.78	103.80
1.65V		3241	2222	1591	1235.0	750.1	535.6	422.2	344.2	231.60	190.78	103.80
1.60V		3300	2244	1605	1242.5	753.1	537.5	423.4	345.2	232.11	191.12	103.90

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		178.3	147.3	107.6	84.80	53.25	38.33	30.20	24.90	17.05	14.00	7.56
1.85V		215.3	163.6	118.3	94.40	58.65	41.88	32.86	27.20	18.85	15.20	8.22
1.80V		246.6	175.0	125.6	100.0	61.00	43.40	34.00	28.20	19.07	15.74	8.51
1.75V		264.5	181.6	129.8	102.10	62.20	44.01	34.60	28.60	19.38	15.90	8.65
1.70V		277.8	185.6	132.4	103.70	62.80	44.40	34.90	28.70	19.38	15.90	8.65
1.65V		281.8	188.3	134.2	105.10	63.30	44.80	35.20	28.80	19.38	15.90	8.65
1.60V		287.0	190.1	135.3	105.73	63.55	44.96	35.31	28.88	19.42	15.93	8.66

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

For operation, please refer to the instruction from technical manual.

B/4 REV. May. 2025

Powered by **B.B. Tech(Changsha)Co., Ltd.**