



VRLA Rechargeable Battery

FTB155-12 (FTB155-12FR)



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	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	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001



ISO14001



UL



CE



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

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

560±2.0 (22.05±0.08)

Width

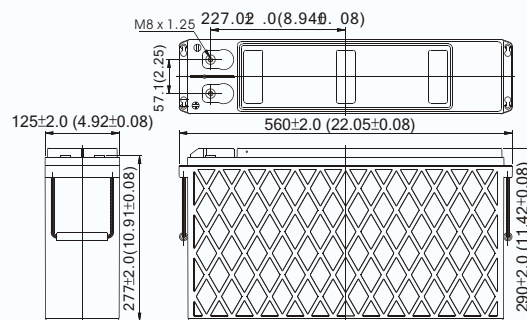
125±2.0 (4.92±0.08)

Container Height

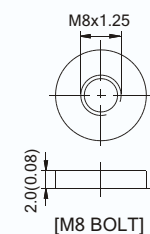
277±2.0 (10.91±0.08)

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	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V		1767	1291	996.4	631.0	458.0	361.7	298.8	204.60	167.83	90.72
1.85V		1944	1411	1109.2	695.0	500.4	394.3	325.0	225.30	182.40	98.64
1.80V		2065	1490	1171.5	722.9	518.6	407.6	334.6	227.90	188.84	102.10
1.75V		2143	1540	1200.0	737.1	525.9	414.9	341.8	231.60	190.78	103.80
1.70V		2190	1570	1218.5	744.2	530.7	418.5	343.0	231.60	190.78	103.80
1.65V		2222	1591	1235.0	750.1	535.6	422.2	344.2	231.60	190.78	103.80

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

F.V. (V/cell)	Discharge Time	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V		147.3	107.6	84.80	53.25	38.33	30.20	24.90	17.05	14.00	7.56
1.85V		163.6	118.3	94.40	58.65	41.88	32.86	27.20	18.85	15.20	8.22
1.80V		175.0	125.6	100.0	61.00	43.40	34.00	28.20	19.07	15.74	8.51
1.75V		181.6	129.8	102.10	62.20	44.01	34.60	28.60	19.38	15.90	8.65
1.70V		185.6	132.4	103.70	62.80	44.40	34.90	28.70	19.38	15.90	8.65
1.65V		188.3	134.2	105.10	63.30	44.80	35.20	28.80	19.38	15.90	8.65

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