



VRLA Rechargeable Battery

FTB155-12 (FTB155-12FR)



FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- Thermally welded case-to-cover bond to ensure a leak-proof case
- 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	Front Accessible, Threaded (M8) copper alloy
Internal Resistance	≤ 2.8m Ω (Fully Charged)
Max. Discharge Current	1550 A (5 sec.)
Maximum Charge Current	38.8 A
Operating Temperature	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 Vent	Opening pressure 10~35 kpa
Case Material	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001

ISO14001

UL

CE

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length</p> <p>560±2.0 (22.05±0.08)</p> <p>■ Width</p> <p>125±2.0 (4.92±0.08)</p> <p>■ Container Height</p> <p>267.6±2.0 (10.54±0.08)</p> <p>■ Total Height</p> <p>290±2.0 (11.42±0.08)</p>		<p>● Terminal L1</p> <p>Terminal Hardware Initial Torque: 10.0Nm ±5%</p>

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	99.70	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.