



VRLA Rechargeable Battery

FTH150-12

Pure Lead Battery for High Temperature

- Excellent high temperature performance
- Special sealing compound to prevent any leaks
- High compression and puncture resistance separator
- Reinforced case resists high temperature condition
- Special alloy inhibits corrosion under the highest temperature extremes
- Electrolyte additive to prevent internal short circuit at high temperature
- Advanced manufacturing techniques to ensure quality products
- Broad operating temperature from -40°C to 85°C

APPLICATION

- Solar
- Telecom
- Storage energy system
- Power station and UPS system
- IDC(Internet Data Center)



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	150Ah @ 10 hour rate F.V.(1.75V/cell)
Approx. Weight	53.5kg(117.97lbs.)
Terminals	I2 (M6 Female Thread)
Internal Resistance	$\leq 4m\Omega$ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	45 A
Operating Temperature Range	-40°C~65°C(-40°F~149°F)
Container Material	Standard: ABS(UL94 HB) FTH150-12 Optional: Flame Retardant ABS(UL94 V-0)FTH150-12FR



- IEC60896-21/22
- 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

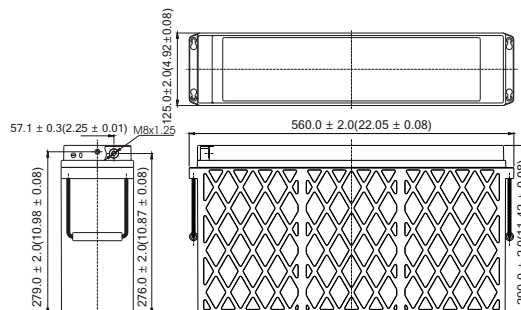
125±2.0(4.92±0.08)

Container Height

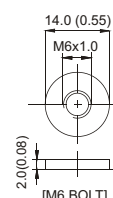
290±2.0(11.42±0.08)

Total Height

290±2.0(11.42±0.08)



Terminal I2



Terminal Hardware Initial Torque: 5.5 Nm ± 5%

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

Unit: W

Discharge Time F.V. (V/cell)	15 Min	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V	2240	1481	1163	928	565	404	317	282.6	192.7	160.0	84.0
1.85V	2463	1635	1271	1026	623	442	347	307.1	209.5	173.9	91.3
1.80V	2616	1745	1347	1083	647	458	359	318.2	217.0	180.0	94.5
1.75V	2716	1805	1391	1107	659	464	365	321.3	219.1	181.9	95.5
1.70V	2774	1843	1417	1124	666	469	367	321.4	219.3	182.0	95.6
1.65V	2816	1866	1435	1138	672	473	371	321.5	219.4	182.1	95.6
1.60V	2843	1883	1446	1138	675	475	371	321.5	219.4	182.1	95.6

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

Unit: A

Discharge Time F.V. (V/cell)	15 Min	30 Min	45 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.90V	199	124	97	77.3	47.1	33.7	26.4	23.55	16.06	13.33	7.00
1.85V	221	138	107	86.0	51.9	36.8	28.9	25.59	17.46	14.49	7.61
1.80V	237	147	113	90.8	53.9	38.2	29.9	26.52	18.09	15.00	7.88
1.75V	246	153	117	93.0	55.0	38.7	30.4	26.77	18.26	15.16	7.96
1.70V	251	156	119	94.5	55.5	39.1	30.6	26.78	18.27	15.17	7.96
1.65V	255	158	121	95.8	56.0	39.4	30.9	26.79	18.28	15.18	7.97
1.60V	257	160	122	95.8	56.2	39.6	30.9	26.80	18.28	15.18	7.97

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.

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