

## Product Features

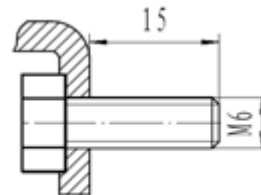
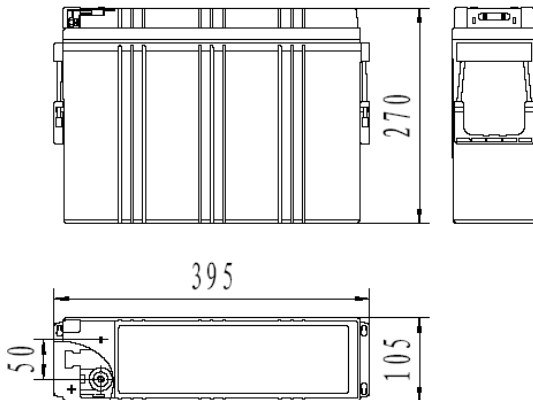
- Narrow width design with 2\*3 cell structure, front terminal is convenient for installation, front centralized exhaust system design, suitable for 19' and 23' power supply cabinet;
- Radial grid design, good large current discharge performance; thick pasted active substance for long service life;
- Particular thin and thick fire matching AGM separator, enhance electrolyte adsorbed volume, battery has high temperature performance, suitable for outdoor using.
- ABS containers and covers (FV0 optional)
- Gaz pipe systems (optional)
- Battery could be used under 15°C-40°C for a long time.

## Application

- International standard 19' and 23' cabinet;
- Telecom
- power supply system
- EPS/UPS

## Compliant Standards

- IEC 60896-21/22 : 2004
- BS 6290-4:1997
- YD/T799-2010
- YD/T2657-2013
- Passed ISO9001, ISO14001, OHSAS18001,


**FT-54**

Battery Model	FTB12-80HT			
Designed Life	6.5Years(35°C)			
Capacity(25°C)	10HR(8.0A,1.80V)	5HR(14.1A,1.80V)	3HR(22.0A,1.80V)	1HR(49.3A,1.75V)
	80AH	70.5AH	66AH	49.3AH
Dimensions	Length	Width	Height	Total Height
	395mm	105mm	270mm	270mm
Approx. Weight	28.5kg			
Internal Resistance	4.73mΩ			
Maximum Discharge	670A(3 Sec.)			
Self Discharge	≤1.5% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	14.1V(-21mV/°C), max charge current:19A		13.5V(-21mV/°C)	

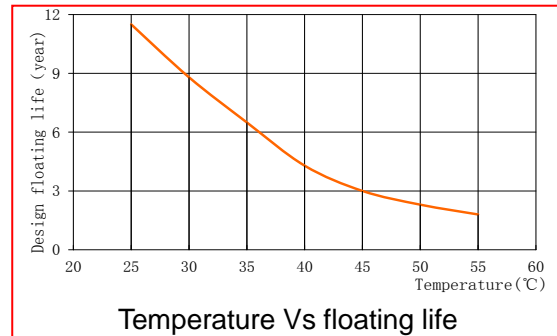
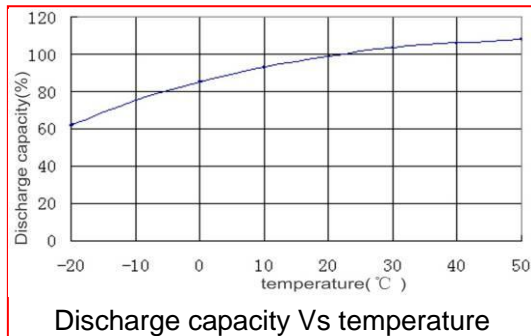
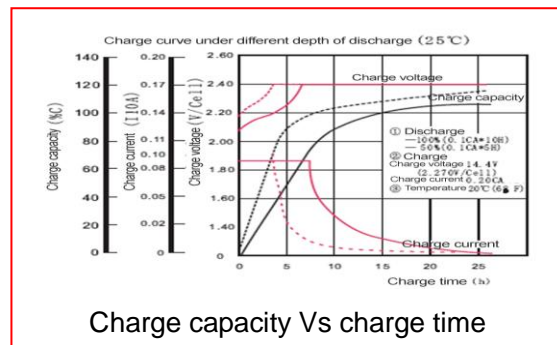
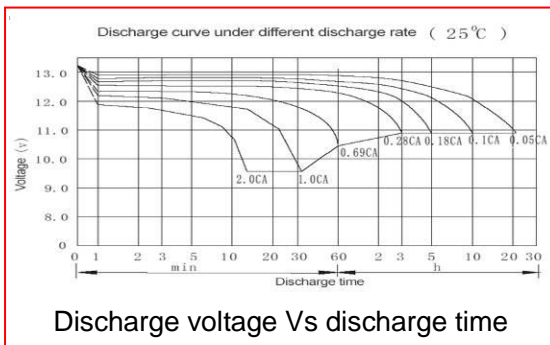
## Discharge parameter:

Constant current discharge data (25°C , A)														
End voltage (V/cell)	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.6	267.3	196.9	152.7	93	66.5	53.46	32	23.5	17.8	14.8	12.5	9.46	8.26	4.31
1.65	253	182.8	143.6	87.6	64.3	52.2	31.6	23	17.6	15.6	12.4	9.44	8.16	4.25
1.7	234.8	170.6	136.5	83.8	62	51.2	30.9	22.6	17.3	14.5	12.35	9.44	8.14	4.23
1.75	221.6	155.6	122.4	79.8	59.5	49.3	30.6	22.3	17.15	14.3	12.25	9.38	8.1	4.23
1.8	208.5	141.6	116.3	76.4	57.2	47.5	30.6	22.0	17.1	14.1	12.1	9.26	8	4.2

### Discharge parameter:

Constant power discharge data (25°C , W/cell)														
End voltage (V/cell)	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.6	436	329.6	266	173	125	101	60.7	44.6	34	28.1	24.3	18.2	15.9	8.28
1.65	424	313.5	256	165	122	99.4	60.2	44	33.8	28	24.1	18.18	15.84	8.275
1.7	409.8	302.4	248	159	118	97.8	59.3	43.4	33.6	27.8	23.9	18.16	15.82	8.272
1.75	398.8	283.4	231	152	113.5	94.6	59	43	33.3	27.6	23.7	18.14	15.8	8.271
1.8	387.6	266.3	220	146	109.5	91.5	58.3	42.7	33.1	27.4	23.5	17.94	15.78	8.27

### Performance Curve:



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