

### 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;
- Sulfuric acid immobilized as a gel using the gaseous SiO<sub>2</sub> which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO<sub>2</sub> micro-porous separator ensure low internal resistance;
- Radial grid design, pasted active substance, good large current discharge performance;

### Application

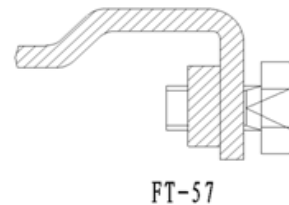
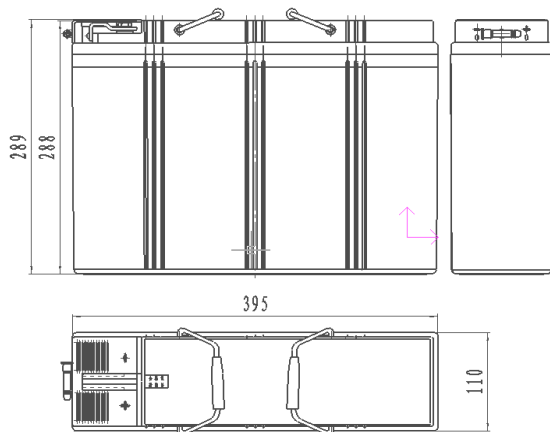
- International standard 19' and 23' cabinet;
- Telecom
- power supply system
- Renewable Energy;
- EPS/UPS

### Compliant Standards

- IEC 60896-21/22: 2004
- DIN43539-T5 1984
- YD/T1360-2005
- Passed ISO9001、ISO14001、OHSAS18001 certificate
- Eurobat guide;

### Safety

- installation compliant with:EN50272-2

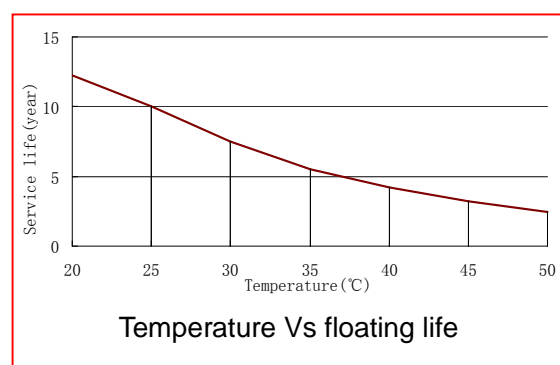
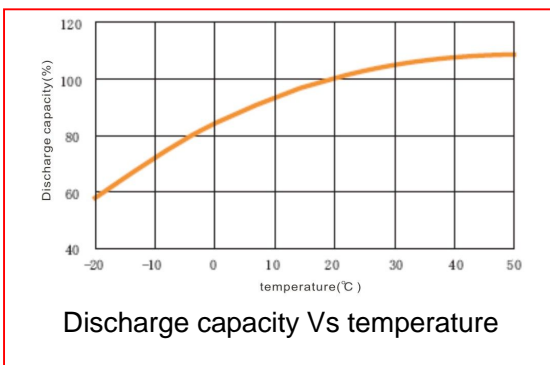
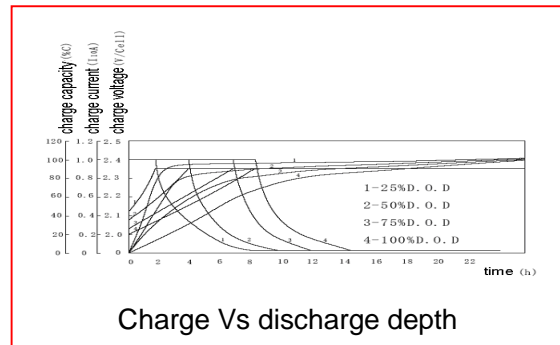
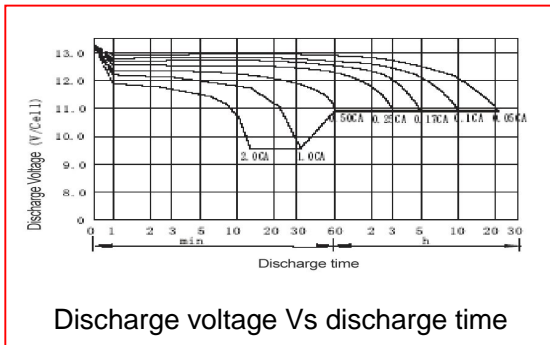


Battery Model	6FTJ-100B			
Designed Life	10 Years			
Capacity(25°C)	20HR(5.0A,1.75V)	10HR(9.0A,1.80V)	5HR(15.3A,1.80V)	1HR(45.0A,1.80V)
	100AH	90AH	76.5AH	45AH
Dimensions	Length	Width	Height	Total Height
	395mm	110mm	288mm	288mm
Approx. Weight	33.8kg			
Internal Resistance	5.5mΩ			
Maximum Discharge Current	847A(3 Sec.)			
Self Discharge	≤2% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	13.98V(-21mV/°C), max charge current:20A		13.38V(-21mV/°C)	

**Discharge parameter:**

Constant current discharge data (25°C, A)													
End voltage (V/cell)	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	5h	10h	20h
1.60	268.1	196.2	152.8	128.1	93.4	62.8	48.0	42.1	32.4	23.1	16.5	9.40	5.00
1.65	255.2	189.6	149.3	125.5	92.7	62.2	47.5	41.5	32.4	22.9	16.4	9.35	5.00
1.70	240.5	178.3	147.2	123.3	90.1	61.5	47.0	41.0	32.4	22.7	16.2	9.30	5.00
1.75	221.3	161.4	141.8	117.5	87.9	59.5	46.0	39.7	32.4	22.5	15.5	9.20	5.00
1.80	186.1	152.5	132.1	110.4	83.2	58	45.0	39.2	31.2	22.5	15.3	9.00	5.00

Constant power discharge data (25°C, W/cell)													
End voltage (V/cell)	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	5h	10h	20h
1.60	475.2	354.1	279.2	234.8	175.3	132.8	100.8	78.7	61.5	44.5	30.3	18.0	9.50
1.65	441.5	340.2	272.4	231.6	174.7	130.2	99.5	78.3	61.2	44.3	30.1	17.8	9.50
1.70	405.0	321.7	263.7	224.8	172.3	129.0	99.0	77.0	61.0	44.0	30.0	17.7	9.50
1.75	372.6	300.2	254.3	218.5	167.2	126.4	97.5	76.0	60.8	43.9	29.8	17.5	9.50
1.80	345.1	272.4	243.1	205.4	160.6	120.8	96.9	74.8	60.3	43.5	28.5	17.1	9.30

**Performance Curve:**


ISO9001 ISO14001 OHSAS18001

Address: NO.1 Shengyang Road, Qufu, Shandong 273100 China

Tel: +86-537-4438666-6028

E-mail: sales@sacredsun.cn

Fax: +86-537-4411936

http://www.sacredsun.com