

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 SiO₂ which imported from Germany as main electrolyte, The GEL state electrolyte prevents leakage and layering;
- Low resistance PVC-SiO₂ micro-porous separator ensure low internal resistance;
- Radial grid design, pasted active substance, good large current discharge performance;

Application

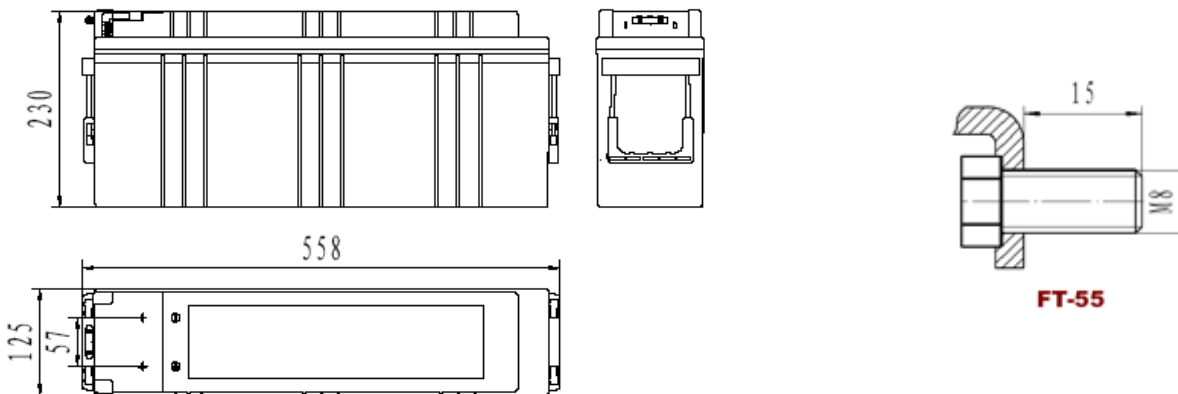
- International standard 19' and 23' cabinet;
- Telecom
- power supply system
- Renewable Energy;
- EPS/UPS

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

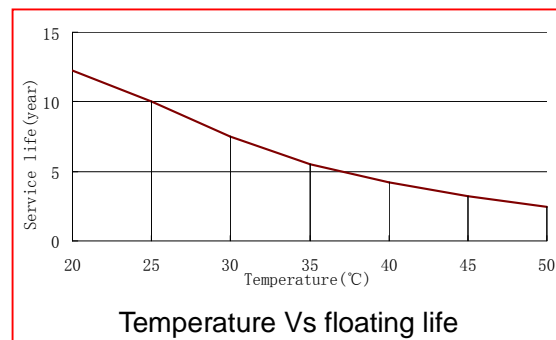
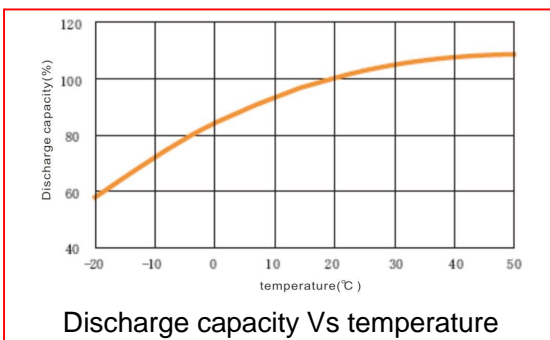
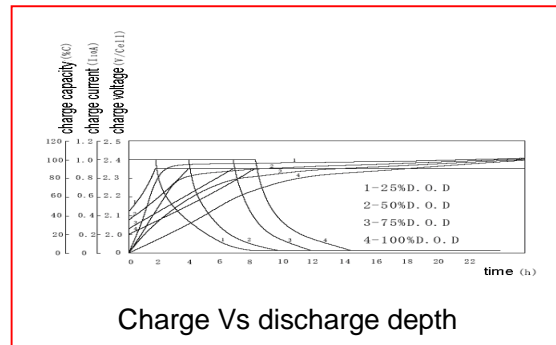
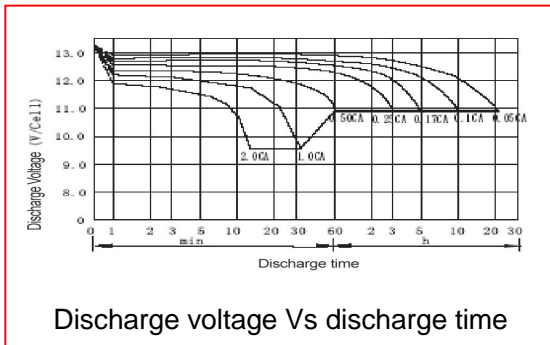


Battery Model	6FTJ-100A			
Designed Life	10 Years			
Capacity(25°C)	20HR(5.0A,1.75V)	10HR(9.0A,1.80V)	5HR(17.0A,1.80V)	1HR(50.0A,1.80V)
	100AH	90AH	85AH	50AH
Dimensions	Length	Width	Height	Total Height
	558mm	125mm	230mm	230mm
Approx. Weight	36.3kg			
Internal Resistance	4.8mΩ			
Max Discharge Current	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	271	197.7	153.9	129.1	94.3	73.9	55.0	42.8	32.8	24.0	18.4	9.5	5.0
1.65	257	190.7	151.0	127.1	93.4	72.5	54.0	42.2	32.8	24.0	18.0	9.4	5.0
1.70	242	180.8	148.0	124.2	92.3	70.3	54.0	41.6	32.8	24.0	17.4	9.4	5.0
1.75	224	167.8	143.0	119.2	89.4	68.3	53.0	40.9	32.8	24.0	17.4	9.3	5.0
1.80	192	153.0	134.1	111.2	84.4	65.8	50.0	39.7	31.8	23.0	17.0	9.0	4.8

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	479	359	281	236	177	133	102	79.1	61.9	44.9	30.4	18.1	9.6
1.65	445	345	275	233	175	132	100	78.5	61.9	44.9	30.4	17.8	9.6
1.70	407	326	266	229	173	130	100	77.7	61.9	44.9	30.4	17.8	9.6
1.75	375	302	258	220	169	127	98.1	77.0	61.9	44.9	30.4	17.7	9.6
1.80	349	276	246	206	161	123	96.7	75.2	60.3	43.7	28.8	17.3	9.4

Performance Curve:


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