

Product Features

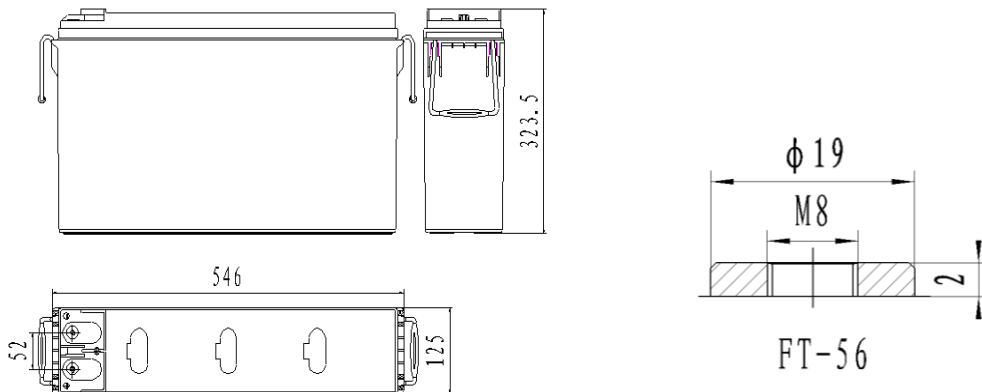
- Narrow width design with 2*3 cell structure, front terminal is convenient for installation, front centralized exhaust system design, suitable for 19' and 23' power supply cabinet;
- Radial grid design, good large current discharge performance; thick pasted active substance for long service life;
- 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)

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/T2343-2011
- Passed ISO9001、
ISO14001、OHSAS18001、
UL and CE certificate



Battery Model	FTA12-190			
Designed Life	12 Years			
Capacity(25°C)	10HR(19A,1.80V)	5HR(33.8A,1.80V)	3HR(49.7A,1.80V)	1HR(117.9A,1.75V)
	190AH	169AH	149.1AH	117.9AH
Dimensions	Length	Width	Height	Total Height
	546mm	125mm	323.5mm	323.5mm
Approx. Weight	58kg			
Internal Resistance	4.1mΩ			
Maximum Discharge Current	1500A(3 Sec.)			
Self Discharge	≤1.5% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	14.4V(-21mV/°C), max charge current:35A		13.62V(-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
1.60	524.9	419.9	347.0	237.8	174.5	140.3	79.4	53.7	43.8	35.3	30.1	23.4	19.6	10.6
1.65	490.5	384.6	328.9	222.8	160.4	132.8	77.6	52.1	43.1	34.9	30.1	23.3	19.4	10.5
1.70	450.9	346.0	303.2	207.9	148.7	121.0	75.6	51.2	42.3	34.6	29.7	23.0	19.3	10.3
1.75	415.6	317.1	285.0	199.3	145.0	117.9	74.4	50.6	41.6	34.2	29.4	22.8	19.1	10.3
1.80	370.7	294.6	262.4	183.2	130.2	109.3	72.3	49.7	41.3	33.8	29.1	22.5	19.0	10.2

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	882.6	710.2	570	452.5	335.2	237.8	150	110	83.8	67.5	57.9	44.9	32.65	20.4
1.65	844	668.4	550	437.3	324.6	231.4	147.8	107	82.7	67.2	57.7	44.7	32.5	20.3
1.7	802.2	622.3	520	418	316	220.7	144.6	104	81.6	66.9	57.4	44.4	32.2	20.1
1.75	756.3	583.7	483	397	312.8	216.4	143.6	103	80.7	66.4	57	44.2	32	19.8
1.8	703.7	562.3	473	387	302.1	208.9	140.3	100	80.3	65.7	56.6	43.9	31.8	19.8

Performance Curve :
