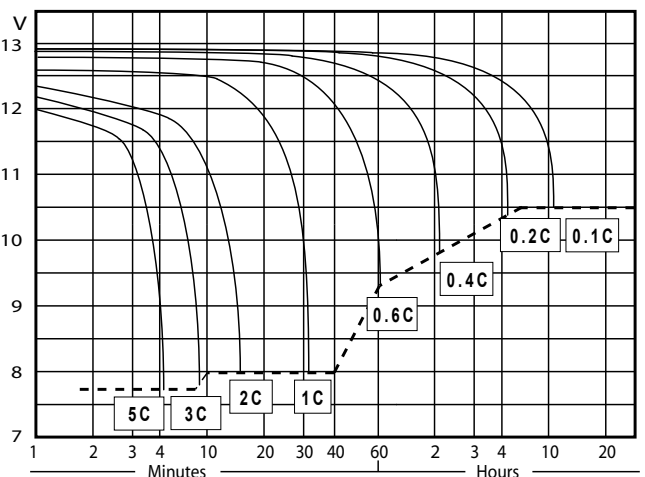
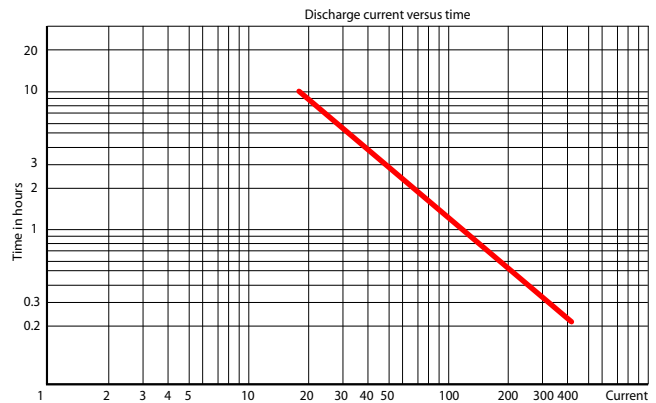


Voltage	: 12 Volt
Capacity	: 180Ah
Dimensions	: 546x125x317 mm (LxWxH)
Terminal	: M8 insert (<i>bolt supplied</i>)
Container & lid	: Flame Retardant ABS
Approximate weight	: 60kg
Packing	: 1/box, 61kg 15/pallet, 930kg

Typical Applications:

- Telecommunication devices
- Fire & burglar alarm systems
- Audio and video broadcast systems
- Building automation
- Emergency lights
- UPS systems
- Remote measurement systems

Capacity	
10 hour rate (18A)	: 180Ah
5 hour rate (32.6A)	: 163Ah
1 hour rate (113A)	: 113Ah
15 minute rate (343A)	: 85.8Ah
Internal Resistance (fully charged) : 3.8mOhm	
Capacity versus temperature	
40°C	: 102%
25°C	: 100%
0°C	: 85%
-15°C	: 65%
Max. discharge current : 1.000A (5 sec)	
Charge (constant voltage)	
Maximum charge current 50A	
Float use: 13.6 - 13.9 Volt. -20mV/°C	
Cyclic use: 14.5 - 14.9 Volt. -30mV/°C	



The FA series is designed for use in 23" cabinets so that 4 batteries can be placed next to each other. Due to the front terminal the space between the batteries and the next shelf can be very small.

The manifold on each battery allows for the attachment of tubes that can be brought outside the cabinet to allow gasses that might develop in an over charge condition to escape.

Discharge data watt/battery

	Discharge time	10 min	15 min	30 min	45 min	1h	2h	3h	5h	10h	24h
End Voltage	10,80	3054	2376	1944	1452	1224	708	534	370.2	205.8	95.4
	10,50	3270	2664	1974	1482	1242	726	547	372.6	207.0	69.6
	10,20	3486	2892	2004	1512	1278	744	565	374.4	208.2	96.0
	9,90	3618	3036	2046	1542	1296	756	575	378.6	210.6	97.2
	9,60	3876	3186	2106	1572	1314	762	577	384.6	213.6	99.0