

Voltage	: 12 Volt
Capacity	: 100Ah
Dimensions	: 508x110x238 mm (LxWxH)
Terminal	: M6 insert (<i>bolt supplied</i>)
Container & lid	: Flame Retardant ABS
Approximate weight	: 32kg
Packing	: 1/box, 33kg 32/pallet, 1000kg

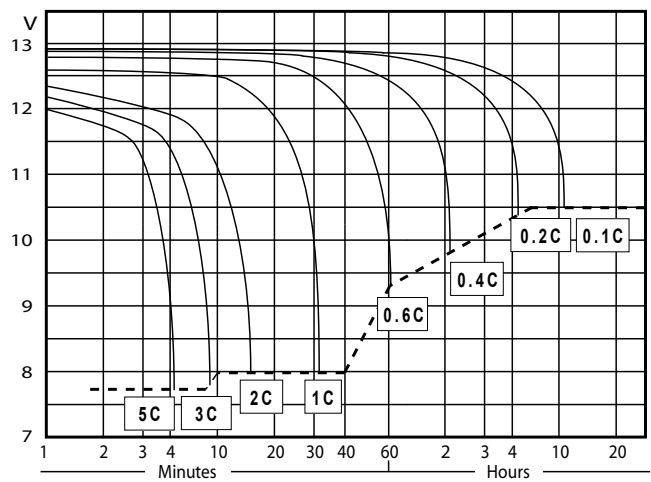
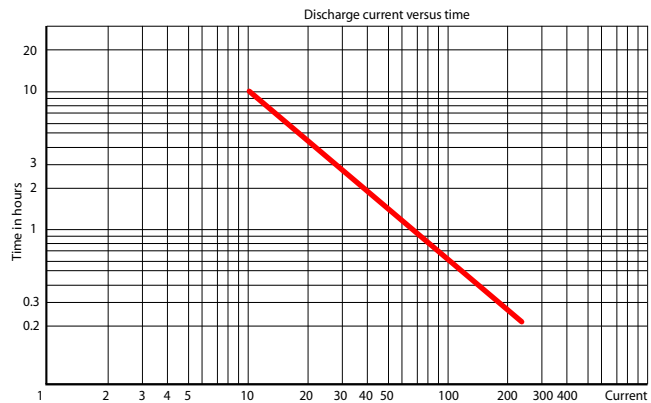
Typical Applications:

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

Capacity	
10 hour rate (10A)	: 100Ah
5 hour rate (18.1A)	: 90,5Ah
1 hour rate (63A)	: 63Ah
15 minute rate (190A)	: 47.5Ah
Internal Resistance (<i>fully charged</i>) : 6.5mOhm	
Capacity versus temperature	
40°C	: 102%
25°C	: 100%
0°C	: 85%
-15°C	: 65%
Max. discharge current : 900A (5 sec)	
Charge (<i>constant voltage</i>)	
Maximum charge current 30A	
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 19" 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	1698	1320	1080	804	678	392	296	205.8	110.4	49.6
	10.50	1818	1482	1098	822	690	402	304	207.0	111.0	49.9
	10.20	1938	1608	1116	840	708	413	314	208.2	112.2	50.2
	9.90	2010	1686	1140	858	720	419	319	210.0	112.8	50.6
	9.60	2154	1770	1170	876	732	425	322	213.6	114.6	51.5