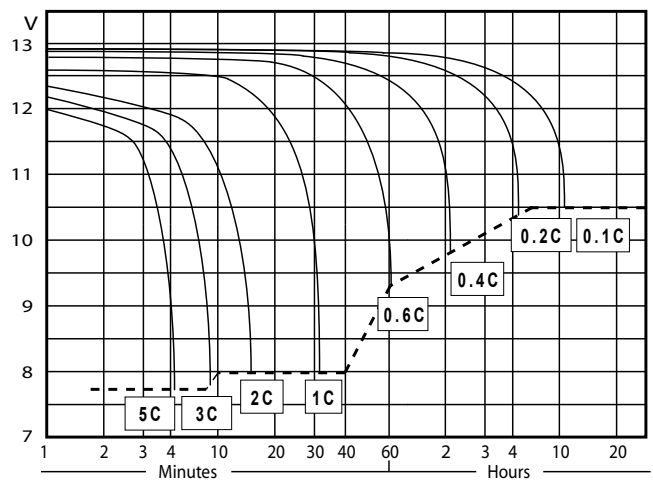
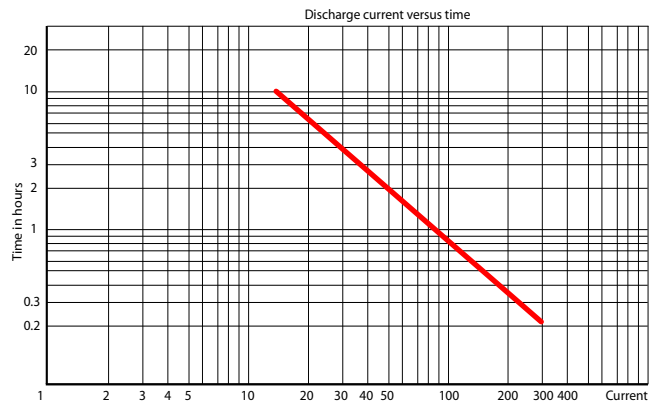


Voltage	: 12 Volt
Capacity	: 140Ah
Dimensions	: 522x110x288 mm (LxWxH)
Terminal	: M8 (bolt supplied)
Container & lid	: Flame Retardant ABS
Approximate weight	: 49kg.
Packing	: 1/box, 50kg 18/pallet, 930kg

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

<b>Capacity</b>	
10 hour rate (14A)	: 140Ah
5 hour rate (25.3A)	: 126.5Ah
1 hour rate (88.3A)	: 88.3Ah
15 minute rate (267A)	: 66.8Ah
<b>Internal Resistance (fully charged)</b> : 4.5mOhm	
<b>Capacity versus temperature</b>	
40°C	: 102%
25°C	: 100%
0°C	: 85%
-15°C	: 65%
<b>Max. discharge current</b> : 980A (5 sec)	
<b>Charge (constant voltage)</b>	
Maximum charge current 45A	
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	2376	1848	1512	1128	954	550	355	288.0	154.8	69.0
	10.50	2544	2070	1536	1152	906	562	425	229.8	156.0	69.6
	10.20	2712	2250	1560	1176	930	578	439	291.0	150.6	70.2
	9.90	2814	2358	1590	1200	1008	587	446	294.6	158.4	70.8
	9.60	3018	2478	1638	1224	1026	595	451	299.4	160.8	72.0