

Voltage : 12 Volt
 Capacity : 80Ah
 Dimensions : 355x167x179 mm (LxWxH)
 Terminal : M6 insert (*bolt supplied*)
 Container & lid : Flame retardant ABS
 Approximate weight : 24kg.
 Certificate(s) : CE, UL, BS 6920 Part 4

Typical Applications:

- UPS Systems
- Emergency lighting systems
- Cordless cleaning equipment
- Telecommunication systems
- Auxiliary power supply for recreational vehicles and boats (non-SLI applications)
- Solar energy systems

Capacity

100 hour rate (0.94)	: 94Ah
20 hour rate (4A)	: 80Ah
10 hour rate (7.6A)	: 76Ah
5 hour rate (13.5A)	: 67.5Ah
1 hour rate (49.5A)	: 49.5Ah

Internal Resistance (fully charged) : 5.5mOhm

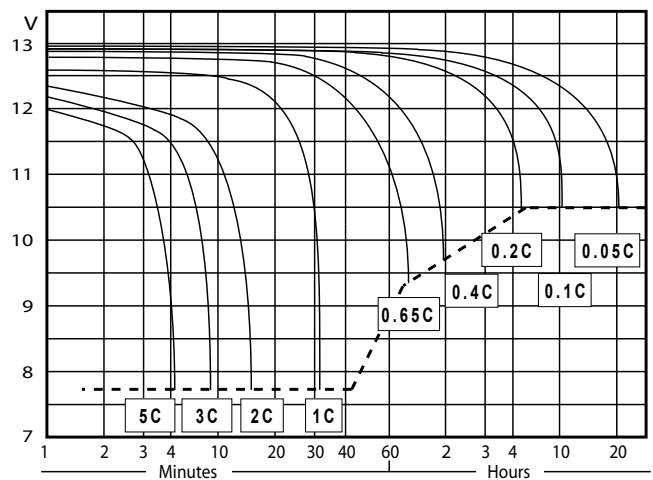
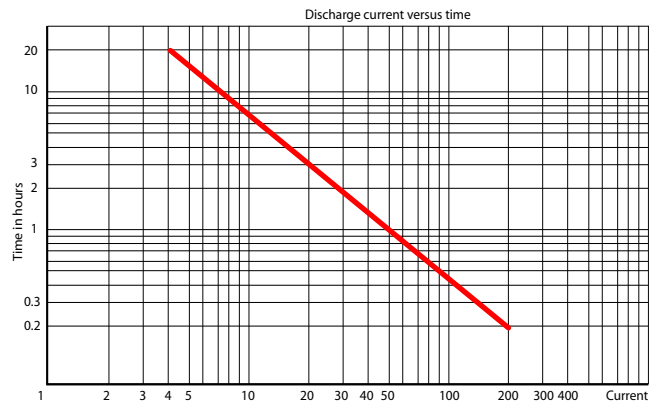
Capacity versus temperature

40°C	: 102%
25°C	: 100%
0°C	: 85%
-15°C	: 65%

Max. discharge current : 750A (5 sec)

Charge (constant voltage)

Maximum charge current 24A
 Float use: 13.6 - 13.9 Volt. -20mV/°C
 Cyclic use: 14.5 - 14.9 Volt. -30mV/°C



Discharge data watt/battery

	Discharge time	5 min	10 min	15 min	30 min	45 min	1 hr	2 hr	3 hr	5 hr	10 hr	100 hr
End Voltage	10,80	2082	1650	1308	876	666.0	553.8	312.0	214.8	154.8	86.0	9.7
	10,50	2208	1722	1392	894	684.0	564.6	317.4	219.0	158.4	88.0	9.9
	10,20	2340	1794	1476	906	702.0	576.0	323.4	223.2	162.0	90.0	10.1
	9,90	2466	1866	1560	924	720.0	586.8	329.4	227.4	164.4	91.3	10.3
	9,60	2598	1938	1644	936	732.0	600.0	336.0	244.8	167.4	93.0	10.5