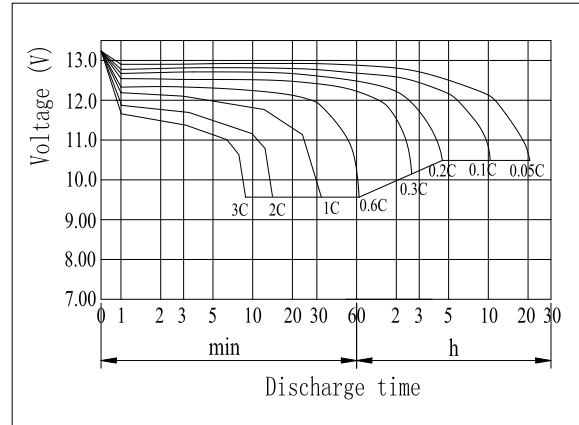


Dimensions: ACDelco Battery (31-1000SMF)

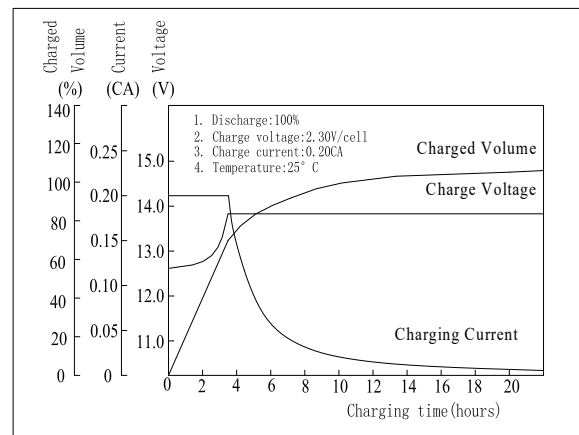
Specifications

Nominal Voltage		12 V
Capacity(20HR, 25°C)		105Ah
Dimension	Length	330mm (13inch)
	Width	173mm (6.81inch)
	Height	217mm (8.54inch)
	Total Height	240mm (9.45inch)
Approx. Weight		25kg (55lbs)
Internal resistance (Fully charged, 25°C)		Approx.4.5m Ω
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range		-15°C ~ 50°C (5°F ~ 122°F)
Float charging voltage(25°C)		13.50 to 13.80V
Cyclic charging voltage(25°C)		14.50 to 14.90V
Maximum charging current		30A
Terminal material		Lead
Maximum discharge current		800A(5 sec.)

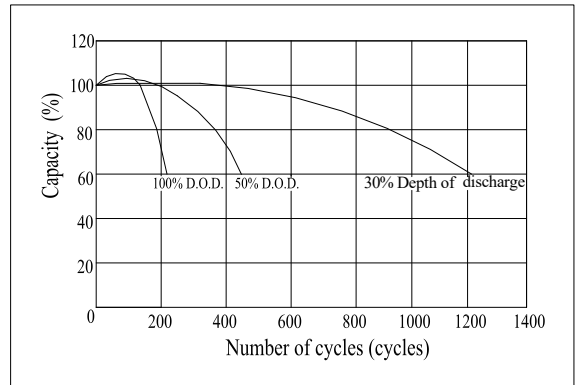
- ◆ Lead Calcium technology;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant PP container (UL94V-0/ 94V-2).



Charging Characteristics(25°C)



Cycle Life(25°C)



Note: Floating life at 25°C designed for 7 to 10 years.

Discharge Characteristics(25°C)

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	300	205	160	105	63.0	25.4	18.3	10.2	5.28
10.2V	285	195	154	101	60.5	25.0	18.0	10.1	5.23
10.8V	268	183	146	96.0	57.5	24.5	17.6	10.0	5.20

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3150	2214	1757	1178	718	298	216	121	63.3
10.2V	2993	2103	1687	1131	689	294	213	120	62.8
10.8V	2813	1977	1602	1074	655	288	209	120	62.4