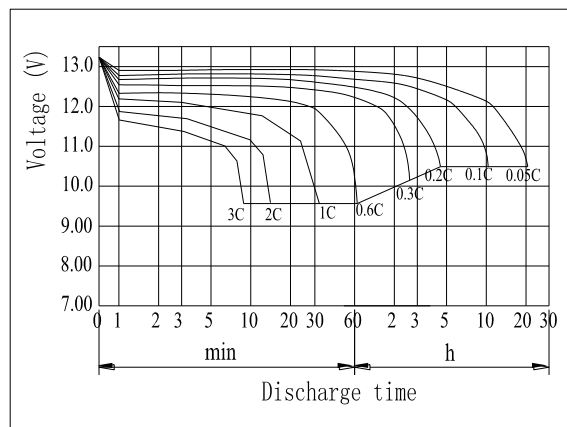


Dimensions: ACDelco Battery (12V 100AH)

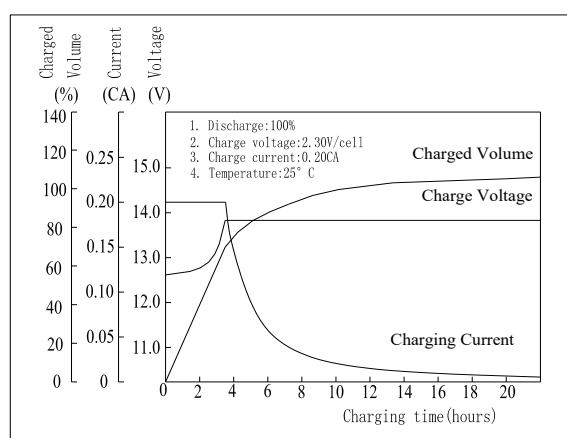
Specifications

Nominal Voltage		12 V
Capacity(20HR, 25°C)		100Ah
Dimension	Length	330mm (12.98inch)
	Width	172mm (6.77inch)
	Height	218mm (8.58inch)
	Total Height	242mm (9.52inch)
Approx. Weight		24.90kg (54.78lbs)
Internal resistance (Fully charged, 25°C)		Approx.4m 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		36A
Terminal material		Lead
Maximum discharge current		960A(5 sec.)

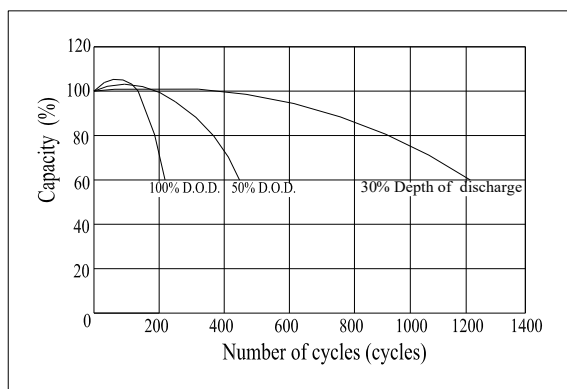
- ◆ Lead Calcium technology;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant PP container (UL94V-0/ 94V-2).



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	370	250	210	130	78.0	31.0	21.9	12.2	6.35
10.2V	352	238	202	125	74.9	30.5	21.6	12.1	6.35
10.8V	331	224	192	119	71.2	29.9	21.2	12.0	6.20

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3885	2700	2306	1459	889	365	259	145	76.2
10.2V	3696	2570	2218	1403	854	359	255	144	76.2
10.8V	3476	2419	2108	1335	812	352	251	144	74.4

ACDelco M31-950SMF

