

AC12750(12V75Ah)

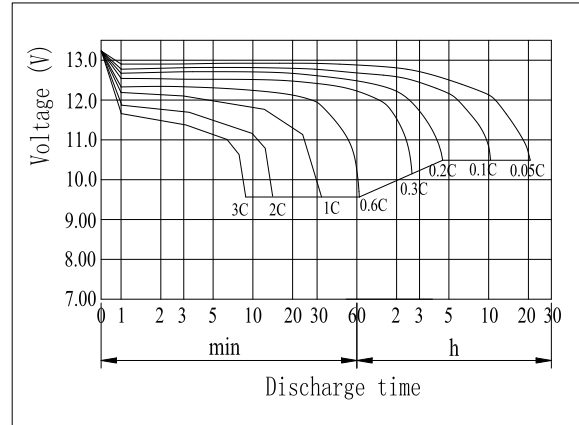
TOFA Marine Engineering (M) Sdn. Bhd

Dimensions: ACDelco Battery (M24MF)

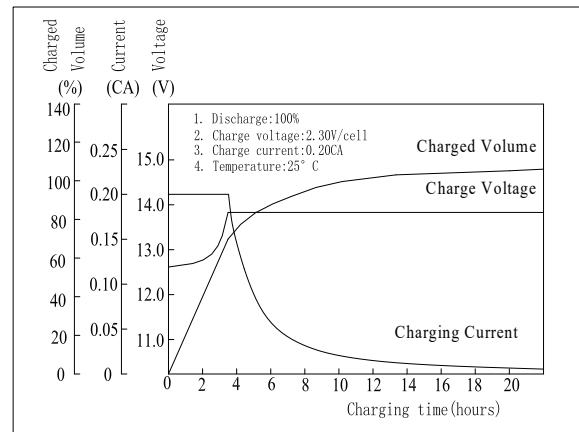
Specifications

Nominal Voltage		12 V
Capacity(20HR, 25°C)		75 Ah
Dimension	Length	257mm (10.12inch)
	Width	172mm (6.77inch)
	Height	200mm (7.87inch)
	Total Height	220mm (8.66inch)
Approx. Weight		21kg (46.2lbs)
Internal resistance (Fully charged, 25°C)		Approx.5.5mΩ
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		23.4A
Terminal material		Lead
Maximum discharge current		750A(5 sec.)

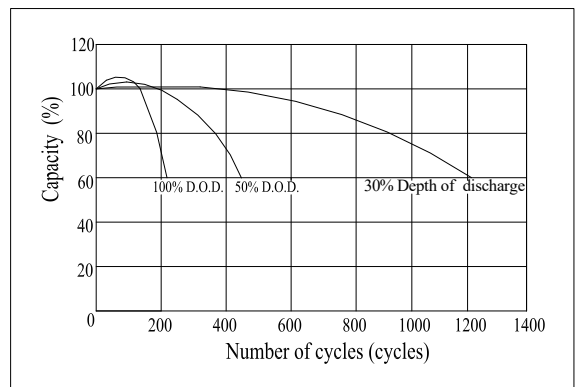
- ◆ Lead Calcium technology;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant ABS container (UL94V-0/ 94V-2).



Charging Characteristics(25°C)



Cycle Life(25°C)



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

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	255	180	142	82.0	50.0	20.3	13.7	8.00	4.10
10.2V	242	171	136	78.7	48.0	20.0	13.5	7.90	4.10
10.8V	228	161	130	74.8	45.6	19.6	13.2	7.80	4.05

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	2678	1944	1559	920	570	239	162	95.5	49.2
10.2V	2544	1847	1497	883	547	235	160	94.3	49.2
10.8V	2391	1736	1422	839	520	230	156	93.1	48.6

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