

N165SMF(12V165Ah)

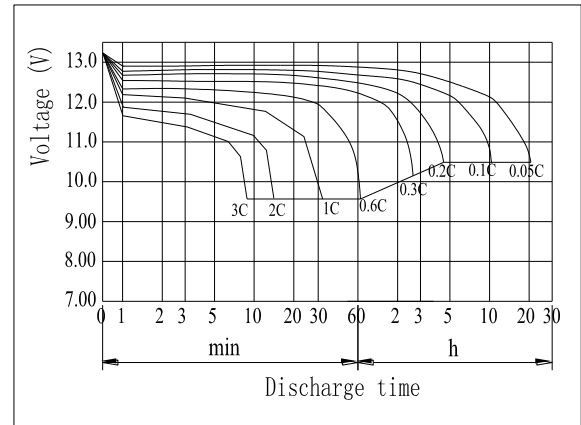
TOFA Marine Engineering (M) Sdn. Bhd

Dimensions: ACDelco Battery (N165SMF)

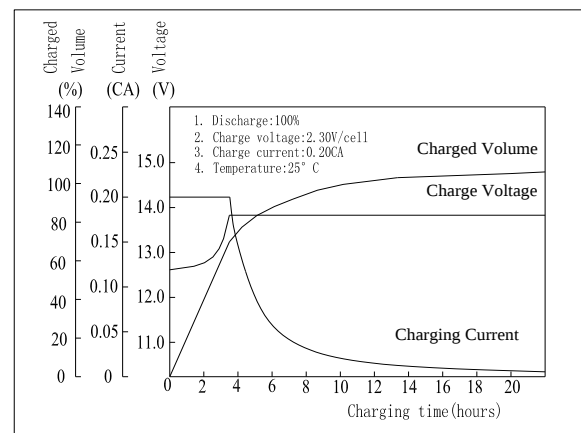
Specifications

Nominal Voltage		12 V
Capacity(20HR, 25°C)		165 Ah
Dimension	Length	511mm (20.12inch)
	Width	222mm (8.74inch)
	Height	217mm (8.55inch)
	Total Height	217mm(8.55inch)
Approx. Weight		42kg (92.4lbs)
Internal resistance (Fully charged, 25°C)		Approx.3.5m 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		45A
Terminal material		Lead
Maximum discharge current		1200A(5 sec.)

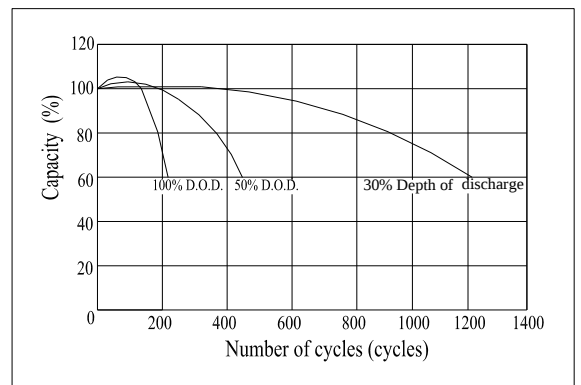
- ◆ Lead Calcium technology;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant ABS container (UL94V-0/ 94V-2).



Charging Characteristics(25°C)



Cycle Life(25°C)



Discharge Characteristics(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	450	330	270	160	97.5	39.6	27.6	15.3	7.90
10.2V	428	314	259	154	93.6	39.0	27.2	15.2	7.90
10.8V	402	295	246	146	88.9	38.2	26.7	15.0	7.80

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	4725	3564	2965	1795	1112	466	326	183	94.8
10.2V	4494	3391	2844	1728	1067	459	322	181	94.8
10.8V	4221	3186	2701	1638	1013	450	316	179	93.6