

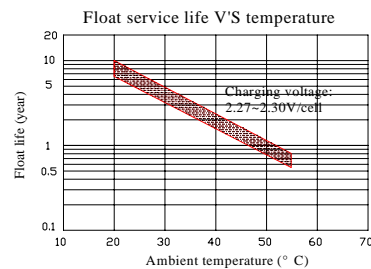
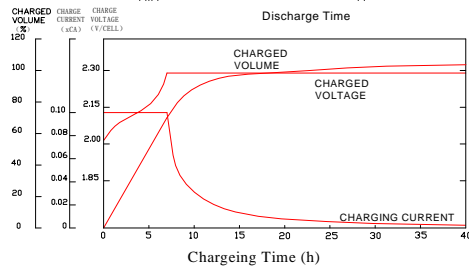
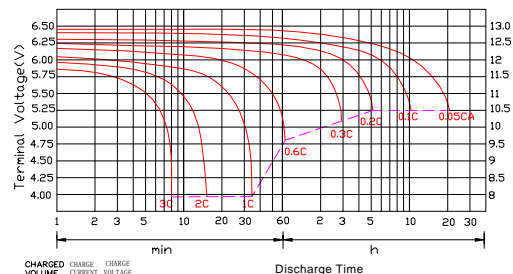
● Specifications

Nominal Voltage		12V
Rated Capacity		45Ah
Dimensions	Total Height	6.69 inches (170mm)
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	Length	7.76 inches (197mm)
	Width	6.50 inches (165mm)
Approximate Weight		30.86 lbs. (14.0kg)

● Characteristic

Capacity 77°F(25°C)	20h rate	47.2Ah
	10h rate	45.0Ah
	5h rate	38.2Ah
	1h rate	27.0Ah
	15 min rate	18.0Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 8.0m Ω
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	450A(5s)	
Terminal	T4 /T11	
Charge (Constant Voltage,25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 13.5 A
	Float	13.6~13.8V(-18mV/°C)

DISCHARGE CHARACTERISTICS AT 25°C (77°F)



Constant Current Discharge Characteristics (A,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	130	88.0	73.0	43.0	27.0	11.2	7.82	4.47	2.28
10.2V	124	83.6	70.1	41.3	25.9	11.0	7.70	4.43	2.26
10.5V	116	78.6	66.6	39.2	24.6	10.8	7.55	4.40	2.25

Constant Wattage Discharge Characteristics (Watt,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	1365	950	802	482	308	131	92.4	53.3	27.4
10.2V	1297	903	769	463	295	129	91.0	52.9	27.2
10.5V	1219	849	731	440	281	127	89.2	52.9	27.0