

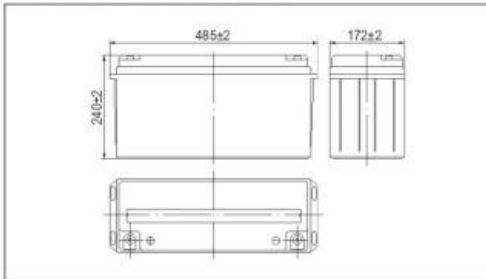
SSB

12V - 150AH JEL

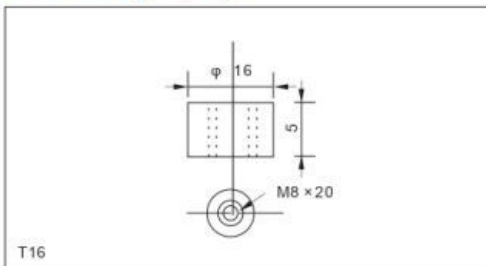
► Specifications

Nominal Voltage	12V	
Rated capacity (10 hour rate)	150Ah	
Dimensions	Length	485± 2mm(19.09inch)
	Width	172± 2mm(6.77inch)
	Height	240± 2mm(9.45inch)
	Total Height	240± 2mm(9.45inch)
Approx. Weight	44.5kg(98.1lbs)± 3%	

► Outer Dimensions (mm)



► Terminal Type (mm)



► Characteristics

Capacity (25°C)	10HR(10.8V)	150Ah
	3HR(10.8V)	112.5Ah
	1HR(10.5V)	83Ah
Terminal type		T16
Internal resistance (Fully charged, 25°C)		Approx. 3.8m Ω
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal operating temperature		25°C± 3°C(77°F± 5°F)
Operating temperature range	Discharge	-15°C~50°C(5°F~122°F)
	Charge	-10°C~50°C(14°F~122°F)
	Storage	-20°C~50°C(-4°F~122°F)
Float charging voltage(25°C)		13.50 to 13.80V Temperature compensation: -18mV/°C
Cyclic charging voltage(25°C)		14.40 to 14.70V Temperature compensation: -30mV/°C
Maximum charging current		30A
Maximum discharge current		1200A(5 sec.)
Designed floating life(20°C)		10years

► Construction

Component	Positive plate	Negative plate	Container	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

► Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	320	194	120	73.1	52.0	40.8	34.7	30.6	24.5	20.4	10.8
9.90V	312	190	118	72.6	51.7	40.6	34.5	30.4	24.3	20.3	10.8
10.2V	301	184	115	72.0	51.4	40.3	34.2	30.2	24.2	20.3	10.7
10.5V	291	180	112	70.9	51.0	40.0	34.0	30.0	24.0	20.1	10.7
10.8V	275	173	108	69.1	50.0	38.8	33.0	29.1	23.3	20.0	10.6

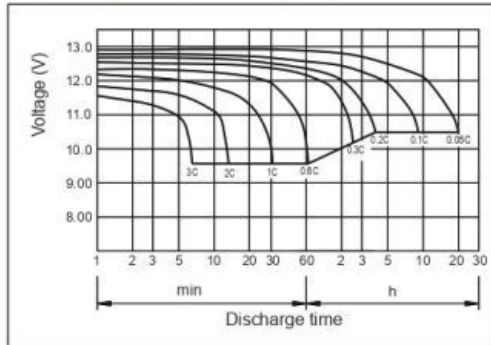
► Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	3159	2635	1633	1026	635	459	360	307	218	182	97.1
9.90V	3064	2572	1600	1011	631	456	358	306	217	182	96.9
10.2V	2938	2477	1551	985	625	453	355	304	215	181	96.6
10.5V	2812	2393	1513	954	616	450	353	301	214	180	96.1
10.8V	2654	2266	1458	923	600	441	342	292	207	179	95.4

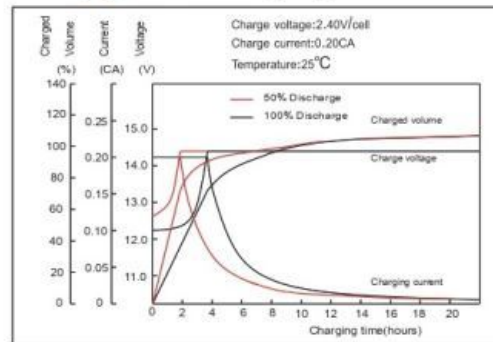
Note: The above characteristics data can be obtained within three charge or discharge cycles.

SSB 12V - 200AH JEL

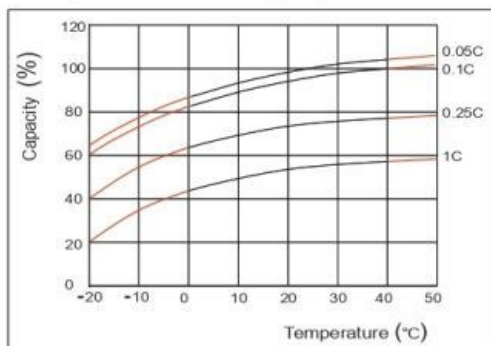
▶ Discharge Characteristics (25°C)



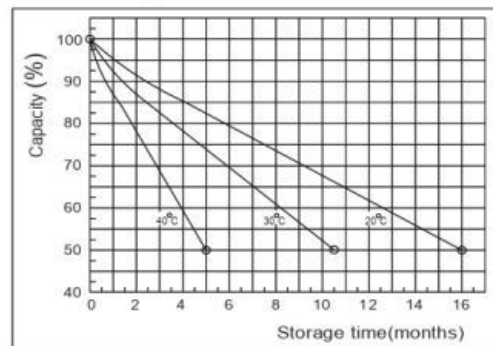
▶ Charging Characteristics (25°C)



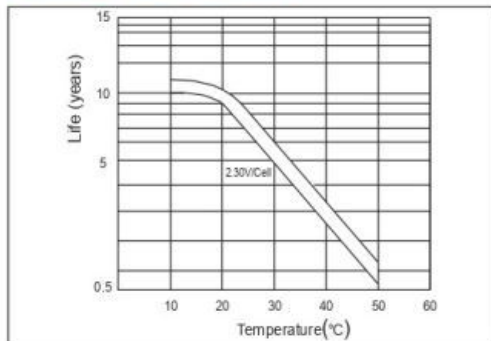
▶ Temperature effects on Capacity



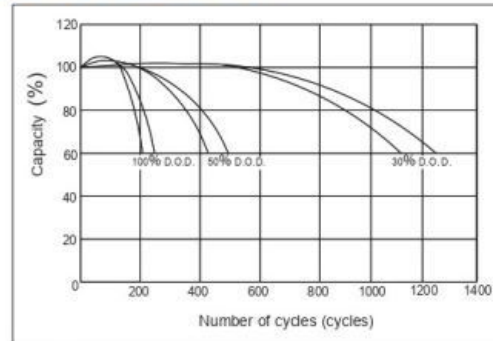
▶ Self-Discharge Characteristics



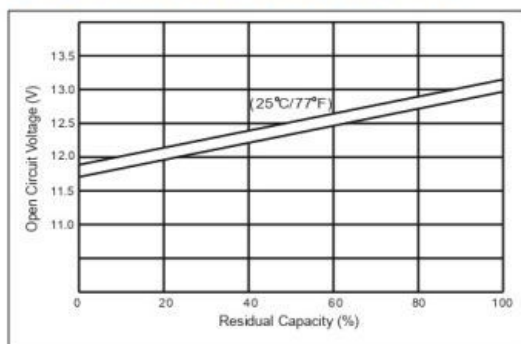
▶ Floating Life on Temperature



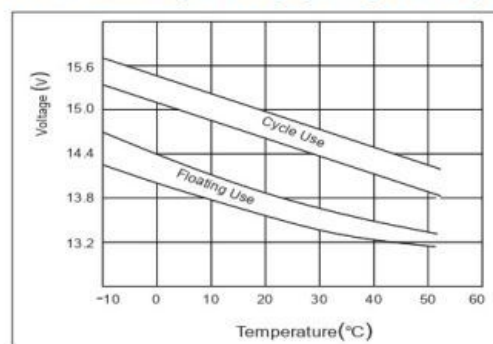
▶ Cycle Life on D.O.D (25°C)



▶ The Relationship for OCV and Capacity (25°C)



▶ The Relationship for Charging Voltage and Temperature



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