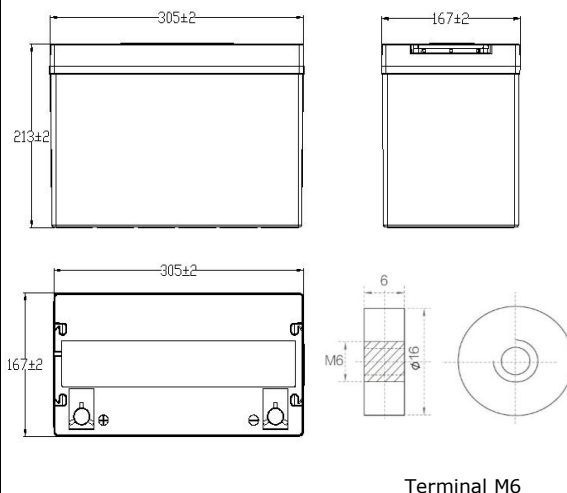


Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	90AH	
Dimension	Length	305±2mm(12.01inch)
	Width	167±2mm(6.57inch)
	Height	210±2mm(8.27inch)
	Total Height	213±2mm(8.39inch)
Approx Weight	Approx. 26.0kg(+ -3%)	
Terminal Type	M6	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 5mΩ	
Rated Capacity	95.0AH	(20hr, 1.75V/cell,25°C/77°F)
	90.00AH	(10hr, 1.75V/cell,25°C/77°F)
	80.0AH	(5hr, 1.75V/cell,25°C/77°F)
	68.0AH	(3hr, 1.75V/cell,25°C/77°F)
	50.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	900A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA	
	14.1V~14.7V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	13.5V~13.8V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%



Dimensions

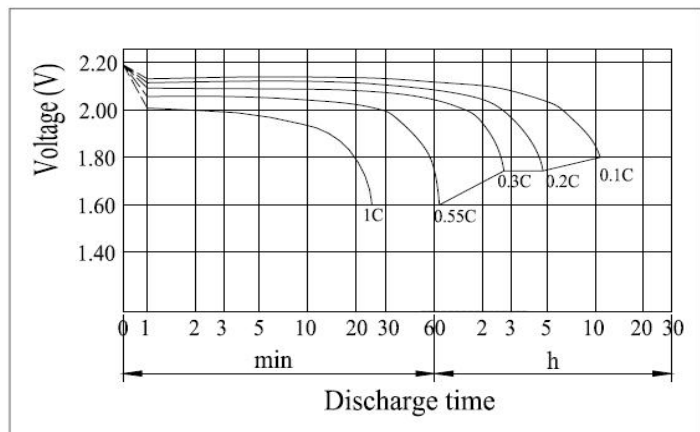


Terminal M6

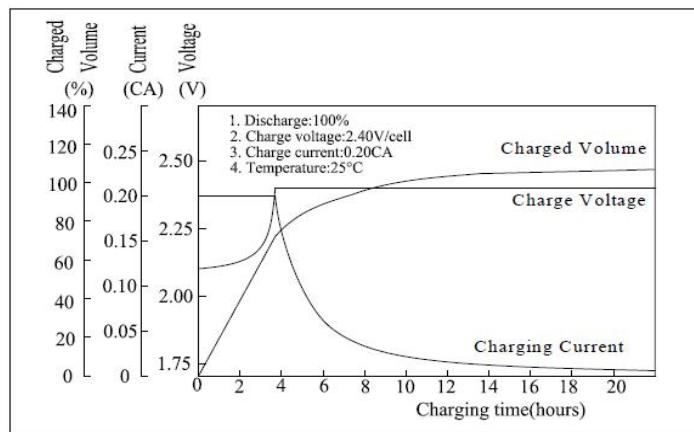
Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	312	268	239	176	102	61.9	43.3	33.0	26.9	23.4	17.5	9.44
1.75V/cell	352	306	261	181	103	63.4	44.1	33.3	27.6	23.9	17.8	9.58
1.70V/cell	393	330	281	186	106	64.7	44.9	34.4	28.2	24.2	17.9	9.58
1.67V/cell	419	338	287	188	109	65.5	45.7	35.1	28.9	24.5	18.1	9.58
1.60V/cell	427	343	290	189	112	66.8	46.1	35.8	29.5	24.7	18.2	9.58

Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	215	161	129	94	53.4	33.4	24.9	19.0	15.8	14.2	8.91	4.67
1.75V/cell	239	185	137	95	55.5	34.3	25.1	19.1	16.1	14.2	8.97	4.75
1.70V/cell	245	189	147	97	56.4	35.1	25.5	19.2	16.4	14.4	9.03	4.77
1.67V/cell	258	192	149	99	57.5	36.0	25.6	19.3	16.7	14.6	9.15	4.78
1.60V/cell	260	193	151	101	58.3	36.8	25.9	19.6	16.9	14.7	9.28	4.79

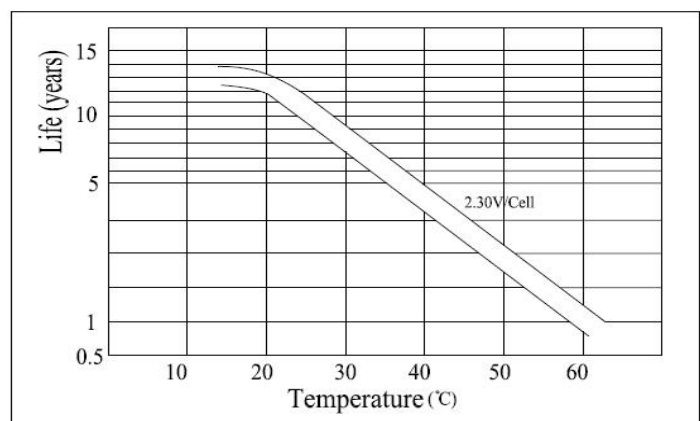
Discharge Characteristics



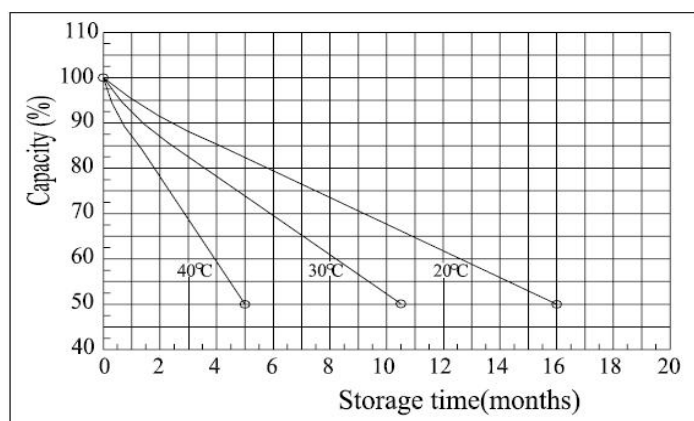
Float Charging Characteristics



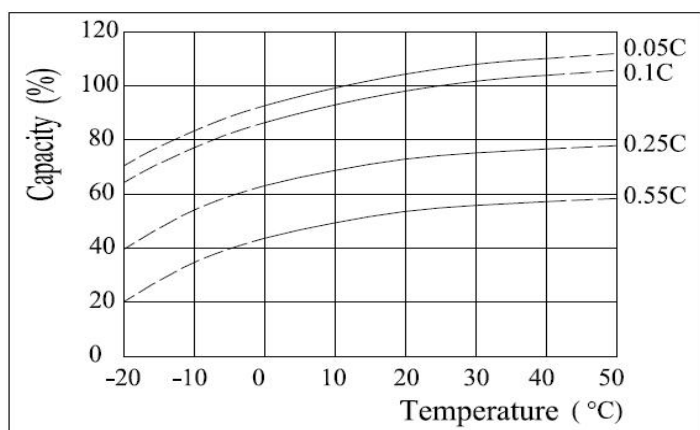
Floating Life on Temperature



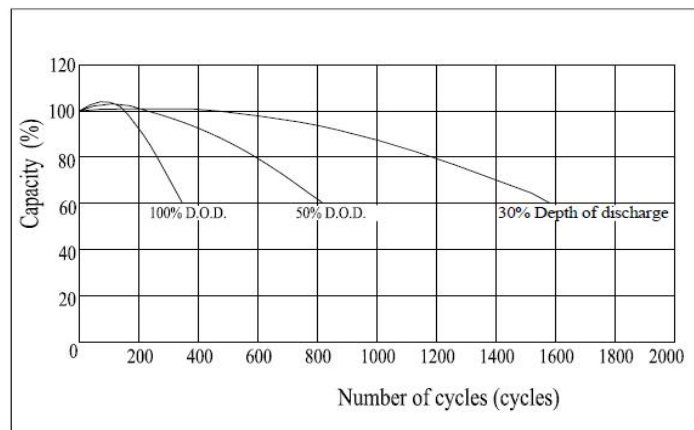
Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge



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