

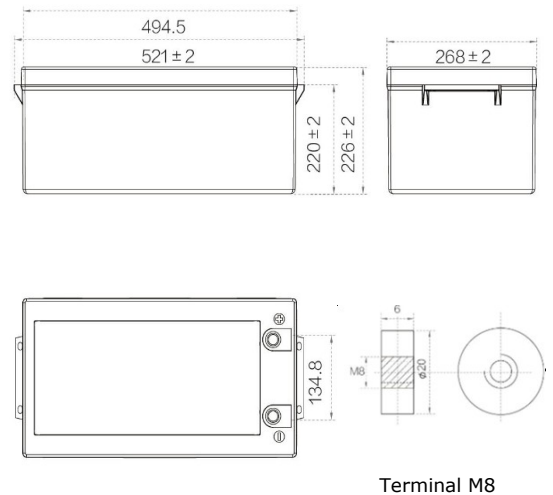
STANDBY SERIES SP12-250(12V250AH/10HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	250AH	
Dimension	Length	520±2mm(20.47inch)
	Width	269±2mm(10.6inch)
	Height	220±2mm(8.66inch)
	Total Height	224±2mm(8.82inch)
Approx Weight	Approx. 74kg(+-4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.2.5mΩ	
Rated Capacity	260.0AH	(20hr, 1.75V/cell,25°C/77°F)
	250.0AH	(10hr, 1.75V/cell,25°C/77°F)
	213.0AH	(5hr, 1.75V/cell,25°C/77°F)
	188.0AH	(3hr, 1.75V/cell,25°C/77°F)
	138.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	2500A(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 M8

Constant Power Discharge at 25°C(77°F)

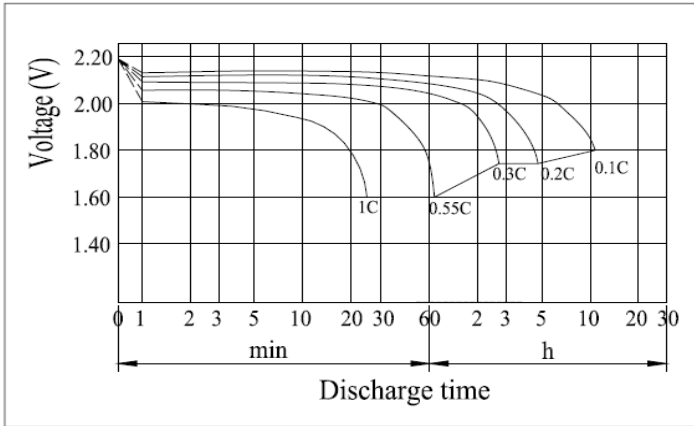
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	1502	1022	777	426	269	163	127	99	84,3	75,5	48,0	25,1
1.75V/cell	1515	1030	788	429	271	164	128	100	85,0	76,1	48,8	25,2
1.70V/cell	1553	1056	796	440	271	165	129	101	86,0	76,3	48,9	25,4
1.67V/cell	1591	1082	811	443	276	166	130	101	87,1	76,8	49,0	25,4
1.60V/cell	1661	1130	832	451	281	168	132	102	87,8	77,4	49,1	25,5

Constant Current Discharge at 25°C(77°F)

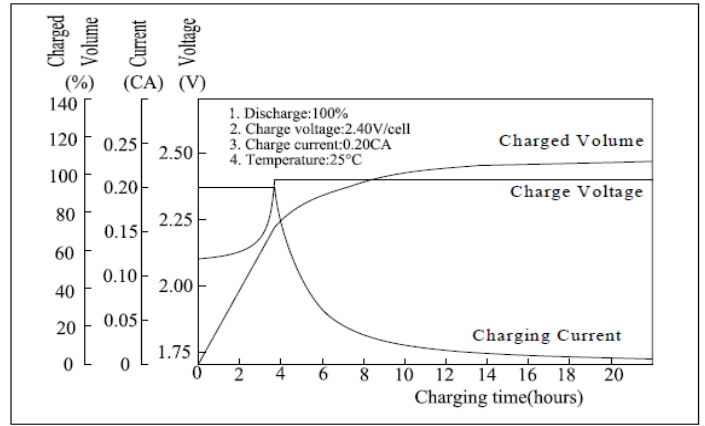
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	770	524	399	218	138	83,4	64,9	51,0	43,2	38,7	24,6	12,9
1.75V/cell	777	528	404	220	139	84,1	65,4	51,5	43,6	39,0	25,0	12,9
1.70V/cell	796	542	408	226	139	84,5	66,1	51,7	44,1	39,1	25,1	13,0
1.67V/cell	816	555	416	227	142	85,4	66,7	52,0	44,7	39,4	25,1	13,1
1.60V/cell	852	580	427	231	144	86,0	67,8	52,4	45,0	39,7	25,2	13,1

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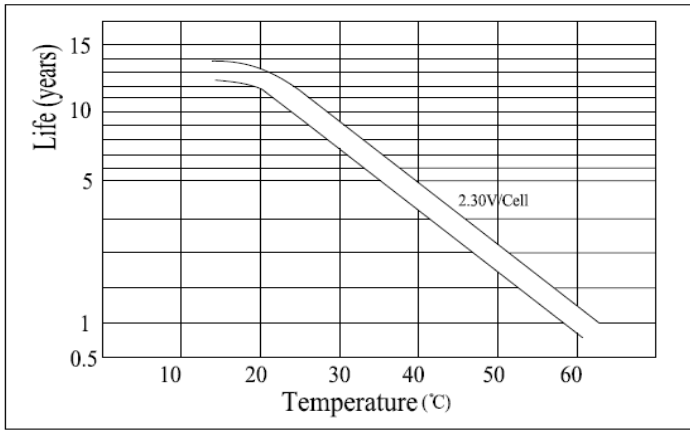
Discharge Characteristics



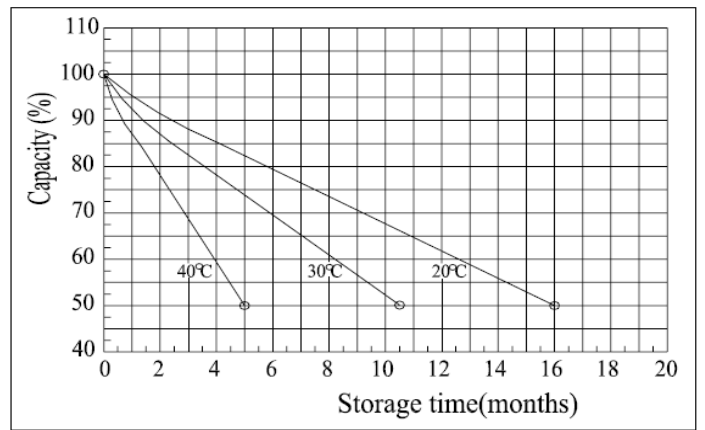
Float Charging Characteristics



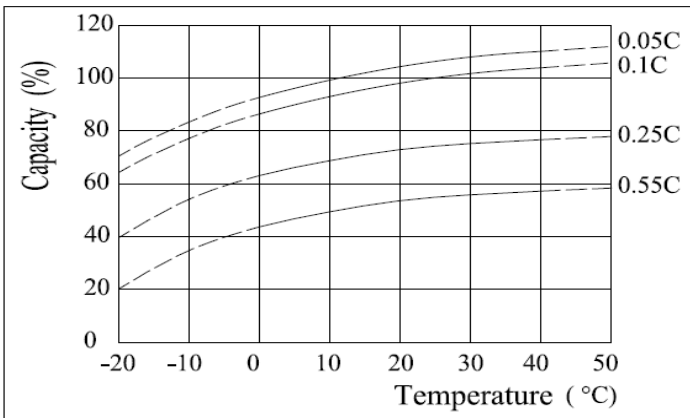
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

