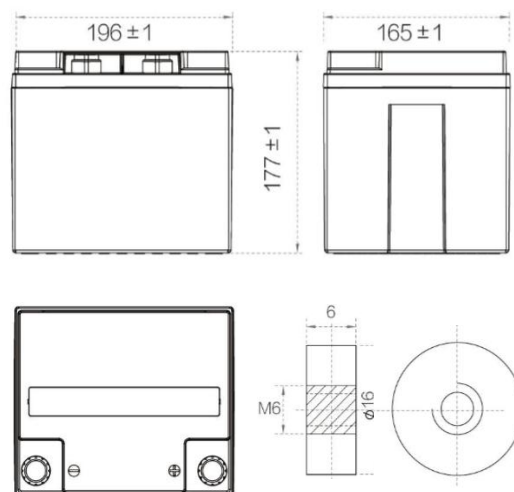


Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	40AH	
Dimension	Length	196±2mm(7.72inch)
	Width	165±2mm(6.50inch)
	Height	177±2mm(6.97inch)
	Total Height	177±2mm(6.97inch)
Approx Weight	Approx. 12.0kg(+/-3%)	
Terminal Type	M6	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 8mΩ	
Rated Capacity	40.6Ah	(20hr, 1.75V/cell,25°C/77°F)
	40.0Ah	(10hr, 1.75V/cell,25°C/77°F)
	30.0Ah	(5hr, 1.75V/cell,25°C/77°F)
	27.0Ah	(3hr, 1.75V/cell,25°C/77°F)
	21.0Ah	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	480A(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

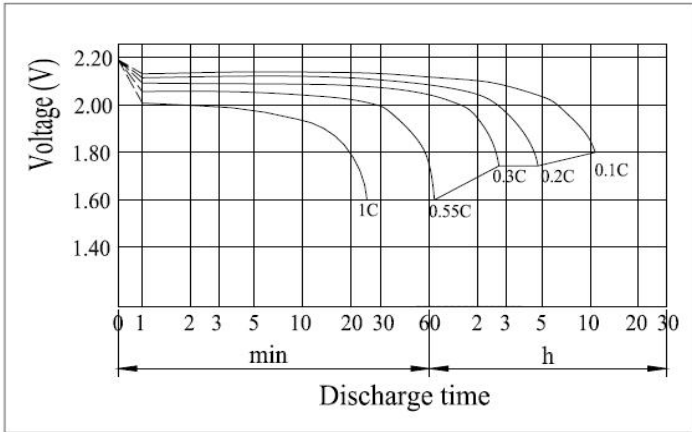
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	183.53	152.12	122.88	78.94	43.44	26.95	19.03	15.80	12.39	11.12	7.35	3.97
1.75V/cell	186.47	157.90	123.87	79.62	43.94	27.59	19.38	16.03	12.48	11.19	7.40	3.97
1.70V/cell	199.36	162.20	127.14	81.09	44.27	27.75	19.67	16.17	12.66	11.20	7.42	3.97
1.67V/cell	210.43	166.82	130.64	82.92	44.59	27.91	19.92	16.23	12.86	11.24	7.43	3.98
1.60V/cell	222.97	170.45	132.47	83.74	45.88	28.07	20.41	16.41	12.91	11.37	7.44	3.98

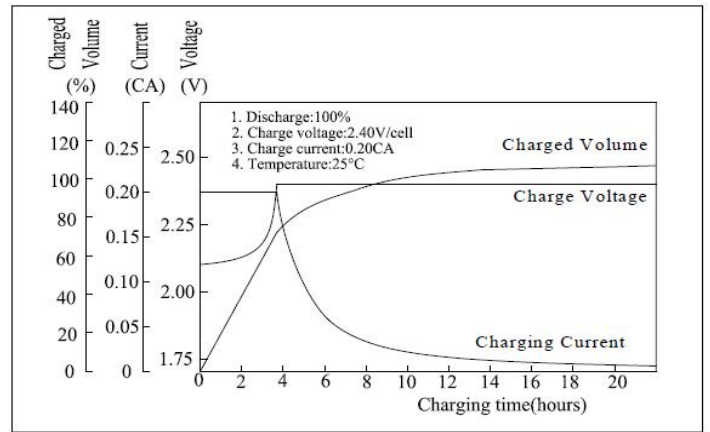
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	98.11	86.59	63.37	39.84	21.18	12.36	9.94	7.84	6.38	5.45	3.99	2.02
1.75V/cell	99.50	87.53	64.00	40.16	22.21	12.67	10.04	8.00	6.44	5.47	4.00	2.03
1.70V/cell	106.61	89.41	65.25	40.78	22.90	12.99	10.20	8.16	6.50	5.52	4.00	2.04
1.67V/cell	113.81	90.66	68.39	41.35	23.37	13.30	10.35	8.16	6.56	5.61	4.01	2.04
1.60V/cell	120.92	96.94	71.53	42.35	23.65	13.62	10.67	8.47	6.62	5.65	4.02	2.04

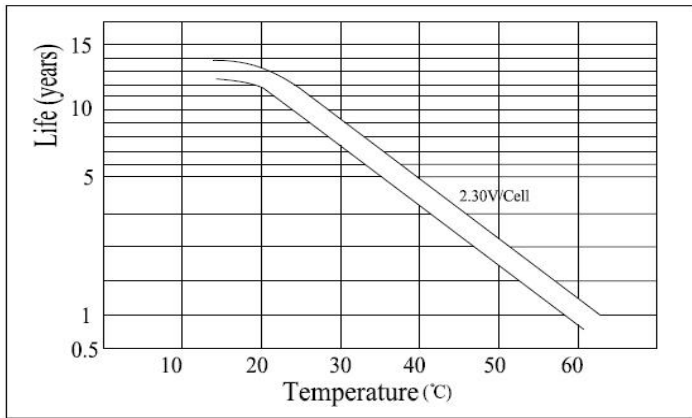
Discharge Characteristics



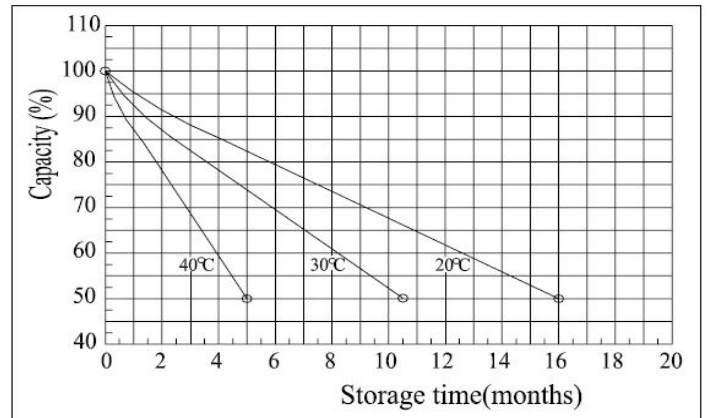
Float Charging Characteristics



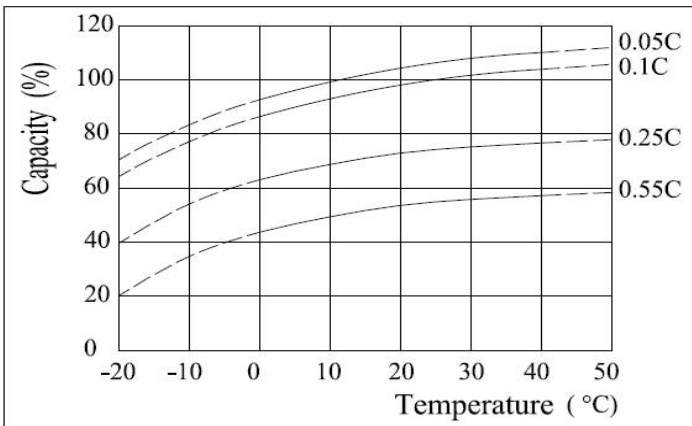
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

