

STANDBY SERIES

SN06010 (6V 10AH)



Specifications

Nominal Voltage	6V		
Nominal Capacity(20hr)	10AH		
Dimension	Length	151±2mm(5.94inch)	
	Width	51±2mm(2.01inch)	
	Height	94±2mm(3.70inch)	
	Total Height	100±2mm(3.94inch)	
Approx Weight	Approx. 1.62kg(3.57lbs)		
Terminal Type	T1		
container Material	ABS(UL-94HB)		
Internal Resistance	Approx. 17m		
Rated Capacity	10AH/0.5A	(20hr, 1.80V/cell,25	/77)
	9.6AH/0.96A	(10hr, 1.80V/cell,25	/77)
	8.7AH/1.74A	(5hr, 1.75V/cell,25	/77)
	7.7AH/2.57A	(3hr, 1.75V/cell,25	/77)
	6.2AH/6.2A	(1hr, 1.60V/cell,25	/77)
Max. Discharge Current	150A(5S)		
Nominal Operating Temp. Range	25±3 (77±5)		
Cycle Use	Charge Current Less Than 0.25CA		
	7.05V~7.35V@25	(77)Temp. Coefficient	-15mV/
Floating Use	No limit on Initial Charging Current Voltage		
	6.75V~6.9V@25	(77)Temp. Coefficient	-10mV/
	40°C	103%	
Capacity affected by Temperature	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%	



Constant Power Discharge at 25 (77)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	34.8	27	22.6	19.7	15.4	11.5	9.7	5.78	4.54	3.7	3.03	2.63	2.13	1.79	0.981
1.80V/cell	46.2	34.1	26.9	23	17.9	13.2	10.8	6.26	4.85	3.93	3.23	2.81	2.25	1.84	0.989
1.75V/cell	51	36.9	29.1	24.5	18.5	13.6	11.3	6.47	4.92	4	3.31	2.88	2.29	1.88	0.998
1.70V/cell	54.6	39.3	30.6	25.6	19.1	14.1	11.6	6.62	5.05	4.1	3.38	2.94	2.32	1.92	1.015
1.65V/cell	59.4	42	32.3	26.9	20	14.3	11.8	6.67	5.24	4.23	3.47	2.99	2.35	1.96	1.027
1.60V/cell	64	44.6	34	28.4	21	14.8	11.8	6.93	5.38	4.35	3.57	3.04	2.37	1.98	1.032

Constant Current Discharge at 25 (77)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	19	14.6	12.1	10.5	8.1	5.97	5.03	2.97	2.33	1.89	1.54	1.34	1.08	0.902	0.495
1.80V/cell	25.6	18.7	14.6	12.4	9.56	6.94	5.63	3.25	2.5	2.02	1.66	1.44	1.145	0.93	0.5
1.75V/cell	28.8	20.5	16	13.3	9.92	7.2	5.89	3.37	2.55	2.07	1.7	1.48	1.165	0.955	0.505
1.70V/cell	31.7	22.4	17.1	14	10.3	7.49	6.08	3.45	2.62	2.12	1.74	1.51	1.181	0.974	0.514
1.65V/cell	35	24.2	18.1	14.9	10.9	7.68	6.22	3.5	2.73	2.19	1.79	1.54	1.2	0.994	0.521
1.60V/cell	38.6	26.2	19.4	15.8	11.5	8	6.28	3.65	2.82	2.26	1.85	1.57	1.212	1.005	0.524