

STANDBY SERIES

SN06001.3 (6V 1.3AH)



Specifications

Nominal Voltage	6V
Nominal Capacity(20hr)	1.3AH
Dimension	Length 97±2mm(3.82inch)
	Width 24±2mm(0.94inch)
	Height 51.5±2mm(2.03inch)
	Total Height 57.5±2mm(2.26inch)
Approx Weight	Approx. 0.29kg(0.64lbs)
Terminal Type	T1
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 65m
Rated Capacity	1.30AH/0.07A (20hr, 1.80V/cell,25 /77)
	1.25AH/0.15A (10hr, 1.80V/cell,25 /77)
	1.13AH/0.23A (5hr, 1.75V/cell,25 /77)
	1.0AH/0.33A (3hr, 1.75V/cell,25 /77)
	0.81AH/0.81A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	18A(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%
	3 month Remaining capacity: 91%
Self-discharge	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	4.18	3.24	2.71	2.37	1.85	1.38	1.16	0.693	0.544	0.444	0.363	0.316	0.256	0.214	0.118
1.80V/cell	5.55	4.09	3.23	2.76	2.15	1.59	1.3	0.751	0.582	0.471	0.388	0.337	0.271	0.221	0.119
1.75V/cell	6.12	4.43	3.49	2.94	2.22	1.63	1.35	0.776	0.591	0.48	0.397	0.346	0.275	0.226	0.12
1.70V/cell	6.56	4.71	3.67	3.07	2.29	1.69	1.39	0.794	0.606	0.492	0.406	0.352	0.278	0.231	0.122
1.65V/cell	7.13	5.04	3.87	3.23	2.4	1.72	1.41	0.801	0.629	0.507	0.416	0.359	0.282	0.235	0.123
1.60V/cell	7.68	5.35	4.08	3.41	2.52	1.78	1.42	0.831	0.645	0.521	0.428	0.365	0.284	0.237	0.124

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	2.29	1.75	1.45	1.26	0.97	0.716	0.603	0.357	0.279	0.227	0.185	0.161	0.13	0.108	0.0594
1.80V/cell	3.07	2.24	1.76	1.49	1.15	0.833	0.676	0.39	0.3	0.242	0.199	0.172	0.137	0.112	0.06
1.75V/cell	3.46	2.46	1.92	1.6	1.19	0.864	0.707	0.404	0.306	0.248	0.204	0.177	0.14	0.115	0.0606
1.70V/cell	3.81	2.69	2.05	1.68	1.24	0.899	0.729	0.414	0.315	0.254	0.209	0.181	0.142	0.117	0.0617
1.65V/cell	4.2	2.9	2.18	1.78	1.31	0.921	0.746	0.42	0.328	0.263	0.215	0.185	0.144	0.119	0.0625
1.60V/cell	4.63	3.15	2.33	1.9	1.38	0.96	0.754	0.438	0.338	0.271	0.222	0.189	0.145	0.121	0.0629