

STANDBY SERIES

SNO6004.5 (6V 4.5AH)



Specifications

Nominal Voltage	6V
Nominal Capacity(20hr)	4.5AH
Dimension	Length 70±2mm(2.76inch)
	Width 47±2mm(1.85inch)
	Height 100±2mm(3.94inch)
	Total Height 106±2mm(4.17inch)
Approx Weight	Approx. 0.72kg(1.6lbs)
Terminal Type	T1
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 25m
Rated Capacity	4.5AH/0.23A (20hr, 1.80V/cell,25 /77)
	4.32AH/0.43A (10hr, 1.80V/cell,25 /77)
	3.92AH/0.78A (5hr, 1.75V/cell,25 /77)
	3.47AH/1.16A (3hr, 1.75V/cell,25 /77)
	2.79AH/2.79A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	67.5A(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	15.7	12.2	10.2	8.88	6.95	5.16	4.37	2.6	2.04	1.66	1.36	1.18	0.959	0.803	0.441
1.80V/cell	20.8	15.4	12.1	10.3	8.07	5.96	4.86	2.82	2.18	1.77	1.45	1.27	1.014	0.827	0.445
1.75V/cell	23	16.6	13.1	11	8.31	6.12	5.06	2.91	2.22	1.8	1.49	1.3	1.03	0.848	0.449
1.70V/cell	24.6	17.7	13.8	11.5	8.6	6.34	5.21	2.98	2.27	1.85	1.52	1.32	1.043	0.864	0.457
1.65V/cell	26.7	18.9	14.5	12.1	9	6.44	5.29	3	2.36	1.9	1.56	1.35	1.057	0.881	0.462
1.60V/cell	28.8	20.1	15.3	12.8	9.43	6.68	5.31	3.12	2.42	1.96	1.61	1.37	1.065	0.889	0.464

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	8.57	6.58	5.45	4.71	3.64	2.68	2.26	1.34	1.05	0.85	0.69	0.6	0.486	0.406	0.223
1.80V/cell	11.5	8.41	6.59	5.57	4.3	3.12	2.53	1.46	1.13	0.91	0.75	0.65	0.515	0.419	0.225
1.75V/cell	13	9.24	7.19	5.99	4.46	3.24	2.65	1.51	1.15	0.93	0.77	0.66	0.524	0.43	0.227
1.70V/cell	14.3	10.1	7.68	6.3	4.65	3.37	2.74	1.55	1.18	0.95	0.78	0.68	0.532	0.438	0.231
1.65V/cell	15.7	10.9	8.17	6.69	4.9	3.45	2.8	1.58	1.23	0.99	0.81	0.69	0.54	0.447	0.234
1.60V/cell	17.4	11.8	8.73	7.13	5.18	3.6	2.83	1.64	1.27	1.02	0.83	0.71	0.545	0.452	0.236