

STANDBY SERIES

SNO6007 (6V 7AH)



Specifications

Nominal Voltage
Nominal Capacity(20hr)
Dimension
Approx Weight
Terminal Type
container Material
Internal Resistance
Rated Capacity
Max. Discharge Current
Nominal Operating Temp. Range
Cycle Use
Floating Use
Capacity affected by Temperature
Self-discharge

6V
7AH
Length 151±2mm(5.94inch)
Width 34±2mm(1.34inch)
Height 93±2mm(3.69inch)
Total Height 100±2mm(3.94inch)
Approx. 1.15kg(2.54lbs)
T1
ABS(UL-94HB)
Approx. 15m
7.0AH/0.35A (20hr, 1.80V/cell,25 /77)
6.72AH/0.67A (10hr, 1.80V/cell,25 /77)
6.09AH/1.22A (5hr, 1.75V/cell,25 /77)
5.39AH/1.80A (3hr, 1.75V/cell,25 /77)
4.34AH/4.34A (1hr, 1.60V/cell,25 /77)
105A(5S)
25±3 (77±5)
Charge Current Less Than 0.25CA
7.05V~7.35V@25 (77)Temp. Coefficient -15mV/
No limit on Initial Charging Current Voltage
6.75V~6.9V@25 (77)Temp. Coefficient -10mV/
40°C 103%
25°C 100%
0°C 86%
-15°C 65%
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	24.4	18.9	15.8	13.8	10.8	8.03	6.79	4.04	3.18	2.59	2.12	1.84	1.492	1.25	0.686
1.80V/cell	32.4	23.9	18.9	16.1	12.6	9.26	7.57	4.38	3.4	2.75	2.26	1.97	1.578	1.286	0.692
1.75V/cell	35.7	25.8	20.3	17.2	12.9	9.52	7.88	4.53	3.45	2.8	2.31	2.02	1.602	1.319	0.698
1.70V/cell	38.2	27.5	21.4	17.9	13.4	9.86	8.1	4.63	3.54	2.87	2.37	2.05	1.622	1.345	0.71
1.65V/cell	41.6	29.4	22.6	18.9	14	10	8.23	4.67	3.67	2.96	2.43	2.09	1.644	1.37	0.719
1.60V/cell	44.8	31.2	23.8	19.9	14.7	10.4	8.26	4.85	3.76	3.04	2.5	2.13	1.656	1.383	0.722

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	13.3	10.2	8.48	7.33	5.67	4.18	3.52	2.08	1.63	1.32	1.08	0.94	0.756	0.631	0.347
1.80V/cell	17.9	13.1	10.2	8.67	6.69	4.86	3.94	2.27	1.75	1.41	1.16	1.01	0.802	0.651	0.35
1.75V/cell	20.2	14.4	11.2	9.32	6.94	5.04	4.13	2.36	1.79	1.45	1.19	1.03	0.816	0.669	0.354
1.70V/cell	22.2	15.7	11.9	9.8	7.23	5.24	4.26	2.42	1.83	1.48	1.22	1.05	0.827	0.682	0.36
1.65V/cell	24.5	16.9	12.7	10.4	7.63	5.37	4.35	2.45	1.91	1.54	1.25	1.08	0.84	0.696	0.365
1.60V/cell	27	18.4	13.6	11.1	8.05	5.6	4.4	2.56	1.97	1.58	1.3	1.1	0.848	0.704	0.367