

STANDBY SERIES

SNO6004 (6V 4AH)



Specifications

Nominal Voltage	6V	
Nominal Capacity(20hr)	3.2AH	
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. 0.69kg(1.52lbs)	
Terminal Type	T1	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 45m	
Rated Capacity	4.0AH/0.20A	(20hr, 1.80V/cell,25 /77)
	3.84AH/0.38A	(10hr, 1.80V/cell,25 /77)
	3.48AH/0.70A	(5hr, 1.75V/cell,25 /77)
	3.08AH/1.03A	(3hr, 1.75V/cell,25 /77)
	2.48AH/2.48A	(1hr, 1.60V/cell,25 /77)
Max. Discharge Current	60A(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
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	13.9	10.8	9.04	7.9	6.17	4.59	3.88	2.31	1.81	1.48	1.21	1.05	0.853	0.714	0.392
1.80V/cell	18.5	13.6	10.8	9.2	7.17	5.29	4.32	2.5	1.94	1.57	1.29	1.12	0.902	0.735	0.396
1.75V/cell	20.4	14.8	11.6	9.8	7.39	5.44	4.5	2.59	1.97	1.6	1.32	1.15	0.915	0.754	0.399
1.70V/cell	21.9	15.7	12.2	10.2	7.65	5.64	4.63	2.65	2.02	1.64	1.35	1.17	0.927	0.768	0.406
1.65V/cell	23.8	16.8	12.9	10.8	8	5.73	4.7	2.67	2.1	1.69	1.39	1.2	0.939	0.783	0.411
1.60V/cell	25.6	17.8	13.6	11.4	8.39	5.94	4.72	2.77	2.15	1.74	1.43	1.22	0.947	0.79	0.413

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	7.62	5.85	4.85	4.19	3.24	2.39	2.01	1.19	0.93	0.76	0.62	0.54	0.432	0.361	0.198
1.80V/cell	10.2	7.47	5.85	4.95	3.82	2.78	2.25	1.3	1	0.81	0.66	0.57	0.458	0.372	0.2
1.75V/cell	11.5	8.21	6.39	5.33	3.97	2.88	2.36	1.35	1.02	0.83	0.68	0.59	0.466	0.382	0.202
1.70V/cell	12.7	8.95	6.83	5.6	4.13	3	2.43	1.38	1.05	0.85	0.7	0.6	0.473	0.39	0.206
1.65V/cell	14	9.66	7.26	5.95	4.36	3.07	2.49	1.4	1.09	0.88	0.72	0.62	0.48	0.398	0.208
1.60V/cell	15.4	10.5	7.76	6.34	4.6	3.2	2.51	1.46	1.13	0.9	0.74	0.63	0.485	0.402	0.21