

STANDBY SERIES

SN06005 (6V 5AH)



Specifications

Nominal Voltage	6V
Nominal Capacity(20hr)	5AH
Dimension	Length 169±2mm(4.29inch)
	Width 35±2mm(1.38inch)
	Height 70±2mm(2.76inch)
	Total Height 74±2mm(2.91inch)
Approx Weight	Approx. 1.05kg(2.32lbs)
Terminal Type	T1
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 22m
Rated Capacity	5.0AH/0.25A (20hr, 1.80V/cell,25 /77)
	4.8AH/0.48A (10hr, 1.80V/cell,25 /77)
	4.35AH/0.87A (5hr, 1.75V/cell,25 /77)
	3.85AH/1.28A (3hr, 1.75V/cell,25 /77)
	3.1AH/3.1A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	75A(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	17.4	13.5	11.3	9.87	7.72	5.73	4.85	2.89	2.27	1.85	1.51	1.32	1.066	0.893	0.49
1.80V/cell	23.1	17.1	13.5	11.5	8.97	6.62	5.4	3.13	2.43	1.96	1.62	1.41	1.127	0.919	0.495
1.75V/cell	25.5	18.4	14.5	12.3	9.23	6.8	5.63	3.23	2.46	2	1.65	1.44	1.144	0.942	0.499
1.70V/cell	27.3	19.6	15.3	12.8	9.56	7.05	5.79	3.31	2.53	2.05	1.69	1.47	1.159	0.96	0.507
1.65V/cell	29.7	21	16.1	13.5	10	7.16	5.88	3.34	2.62	2.11	1.73	1.5	1.174	0.979	0.514
1.60V/cell	32	22.3	17	14.2	10.5	7.42	5.9	3.46	2.69	2.17	1.78	1.52	1.183	0.988	0.516

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	9.52	7.31	6.06	5.24	4.05	2.98	2.51	1.49	1.16	0.95	0.77	0.67	0.54	0.451	0.248
1.80V/cell	12.8	9.34	7.32	6.19	4.78	3.47	2.82	1.62	1.25	1.01	0.83	0.72	0.573	0.465	0.25
1.75V/cell	14.4	10.3	7.99	6.66	4.96	3.6	2.95	1.68	1.28	1.03	0.85	0.74	0.583	0.478	0.253
1.70V/cell	15.9	11.2	8.53	7	5.16	3.74	3.04	1.73	1.31	1.06	0.87	0.75	0.591	0.487	0.257
1.65V/cell	17.5	12.1	9.07	7.44	5.45	3.84	3.11	1.75	1.37	1.1	0.9	0.77	0.6	0.497	0.261
1.60V/cell	19.3	13.1	9.71	7.92	5.75	4	3.14	1.83	1.41	1.13	0.93	0.79	0.606	0.503	0.262