

GEL SERIES

SNG023000 (2V 3000AH)



Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	3000AH	
Dimension	Length	712±2mm(28.03inch)
	Width	353±2mm(13.89inch)
	Height	341±2mm(13.43inch)
	Total Height	382±2mm(15.03inch)
Approx Weight	Approx. 185kg(411.1lbs)	
Terminal Type	T11	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 0.2m	
Rated Capacity	3156AH/157.9A	(20hr, 1.80V/cell,25 /77)
	3000AH/300A	(10hr, 1.80V/cell,25 /77)
	2610AH/522A	(5hr, 1.75V/cell,25 /77)
	2310AH/770A	(3hr, 1.75V/cell,25 /77)
	1860AH/1860A	(1hr, 1.60V/cell,25 /77)
Max. Discharge Current	24000A(5S)	
Nominal Operating Temp. Range	25±3 (77±5)	
Cycle Use	Charge Current Less Than 0.25CA	
	2.35V~2.45V@25 (77)Temp. Coefficient -5mV/	
Floating Use	No limit on Initial Charging Current Voltage	
	2.25V~2.3V@25 (77)Temp. Coefficient -3mV/	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	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	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	6400	5697	5058	3823	3131	2565	1854	1399	1096	921.5	835	670.7	573.9	301.7
1.80V/cell	\	6588	5687	4136	3341	2717	1956	1460	1140	954.2	863.6	694.5	592.8	311.5
1.75V/cell	\	\	6355	4462	3582	2911	2060	1528	1191	997.6	902.8	724.1	614.9	321.5
1.70V/cell	\	\	\	4821	3812	3072	2166	1595	1241	1036	936.9	750.9	636.6	331.9
1.65V/cell	\	\	\	5010	3927	3169	2218	1630	1269	1061	957	763.7	647.3	337.8
1.60V/cell	\	\	\	5442	4225	3384	2356	1714	1329	1107	995.5	795.1	677	351.8

Constant Current Discharge at 25 (77)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	3500	3084	2711	2006	1629	1330	891	681	549	470	413.5	335.3	286.5	152
1.80V/cell	\	3609	3089	2204	1752	1416	937.5	738	567.8	489	431	351.4	300	157.5
1.75V/cell	\	\	3495	2397	1896	1524	994.5	750	599.3	513	451.5	360.4	306	159.5
1.70V/cell	\	\	\	2605	2026	1613	1050	783	624	533.7	467.5	372	313.5	162.9
1.65V/cell	\	\	\	2729	2105	1677	1085	808	642.8	548.3	476	378.8	318.6	165.6
1.60V/cell	\	\	\	2985	2277	1800	1139	842	669.8	573.9	497	393	328.8	170.7