

GEL SERIES

SNG02600 (2V 600AH)



Specifications

Nominal Voltage	2V
Nominal Capacity(10hr)	600AH
Dimension	Length 300±3mm(11.81inch)
	Width 175±2mm(6.89inch)
	Height 330±2mm(12.99inch)
	Total Height 350±2mm(13.78inch)
Approx Weight	Approx. 37.7kg(76.33lbs)
Terminal Type	T11
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 0.55m
Rated Capacity	625AH/31.25A (20hr, 1.80V/cell,25 /77)
	600AH/60.0A (10hr, 1.80V/cell,25 /77)
	522AH/104.4A (5hr, 1.75V/cell,25 /77)
	462AH/154A (3hr, 1.75V/cell,25 /77)
	372AH/372A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	4800A(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 -30mV/
Floating Use	No limit on Initial Charging Current Voltage
	2.25V~2.3V@25 (77)Temp. Coefficient -20mV/
	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	1286.9	1145.5	1017.1	909.5	768.5	629.5	515.6	347.8	266.9	215.8	185.2	163.4	133.1	114	60.5
1.80V/cell	1549.7	1324.8	1143.5	1004.5	831.6	671.7	546.3	363.6	287.6	222	191.8	169.6	139	119.2	62.6
1.75V/cell	\	1493.9	1277.9	1102.5	897.1	720.2	585.2	384.2	291.1	233.5	200.5	177.2	142.3	121.4	63.4
1.70V/cell	\	1650.7	1392.9	1203.4	969.4	766.4	617.5	404.8	303.3	242.6	208.3	183.2	146.7	124.3	64.7
1.65V/cell	\	\	1470.6	1262.5	1007.5	789.5	637.1	415.7	311.7	249	213.3	185.9	149	126.1	65.7
1.60V/cell	\	\	1625.9	1392.4	1094.3	849.5	680.4	434.3	323.3	258.7	222.5	193.5	154.3	129.9	67.6

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	700	616.8	542.2	479.9	401.1	325.8	265.9	178.2	136.2	109.8	94	82.7	67.1	57.3	30.4
1.80V/cell	852	721.8	617.8	537.9	440.7	350.4	283.3	187.5	147.6	113.6	97.8	86.2	70.3	60	31.5
1.75V/cell	\	827.1	699	596.1	479.4	379.2	304.8	198.9	150	119.9	102.6	90.3	72.1	61.2	31.9
1.70V/cell	\	935	772.6	655.6	520.9	405.1	322.7	210	156.6	124.8	106.7	93.5	74.4	62.7	32.6
1.65V/cell	\	\	822	692.9	545.8	421.1	335.3	216.9	161.6	128.6	109.7	95.2	75.8	63.7	33.1
1.60V/cell	\	\	923.9	772.6	597	455.5	360	227.7	168.4	134	114.8	99.4	78.6	65.8	34.1