

GEL SERIES

SNG021500 (2V 1500AH)



Specifications

Nominal Voltage	2V
Nominal Capacity(10hr)	1500AH
Dimension	Length 401±2mm(15.78inch)
	Width 351±2mm(13.81inch)
	Height 342±2mm(13.46inch)
	Total Height 350±2mm(14.88inch)
Approx Weight	Approx. 70kg(155.6lbs)
Terminal Type	T11
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 0.35m
Rated Capacity	1578AH/78.95A (20hr, 1.80V/cell,25 /77)
	1500AH/150A (10hr, 1.80V/cell,25 /77)
	1305AH/261A (5hr, 1.75V/cell,25 /77)
	1155AH/385A (3hr, 1.75V/cell,25 /77)
	930AH/930A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	12000A(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/
	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	3217.3	2863.7	2542.7	2273.7	1921.3	1573.6	1289	869.6	667.1	539.5	463.1	408.5	332.6	284.9	151.3
1.80V/cell	\	3312.1	2858.9	2511.3	2078.9	1679.3	1365.8	908.9	718.9	554.9	479.5	424.1	347.6	297.9	156.6
1.75V/cell	\	\	3194.8	2756.4	2242.8	1800.4	1463	960.6	727.7	583.7	501.4	442.9	355.7	303.5	158.4
1.70V/cell	\	\	\	3008.6	2423.6	1916.1	1543.8	1012.1	758.3	606.6	520.8	457.9	366.8	310.7	161.6
1.65V/cell	\	\	\	3156.3	2518.7	1973.8	1592.7	1039.3	779.2	622.5	533.2	464.8	372.5	315.3	164.2
1.60V/cell	\	\	\	\	2735.9	2123.6	1701	1085.8	808.3	646.6	556.1	483.8	385.7	324.8	168.9

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	1750.1	1542	1355.4	1199.8	1002.8	814.4	664.8	445.5	340.5	274.5	235	206.8	167.6	143.3	76
1.80V/cell	\	1804.5	1544.6	1344.9	1101.8	875.9	708.2	468.8	369	283.9	244.5	215.5	175.7	150	78.8
1.75V/cell	\	\	1747.4	1490.3	1198.5	948.1	762	497.3	375	299.6	256.5	225.8	180.2	153	79.8
1.70V/cell	\	\	\	1638.9	1302.3	1012.7	806.7	525	391.5	312	266.9	233.8	186	156.8	81.5
1.65V/cell	\	\	\	1732.3	1364.6	1052.7	838.2	542.3	404	321.4	274.2	238	189.4	159.3	82.8
1.60V/cell	\	\	\	\	1492.6	1138.7	900	569.3	421	334.9	286.9	248.5	196.5	164.4	85.4