

GEL SERIES

SNG12026 (12V 26AH)



Specifications

Nominal Voltage	12V
Nominal Capacity(20hr)	26AH
Dimension	Length 166±1mm(6.56inch) Width 175±1mm(6.93inch) Height 125±1mm(4.92inch) Total Height 125±1mm(4.92inch)
Approx Weight	Approx. 8.0kg(17.64lbs)
Terminal Type	T3
container Material	ABS(UL-94HB)
Internal Resistance	Approx. 14m
Rated Capacity	26AH/1.3A (20hr, 1.80V/cell,25 /77)
	24.96AH/2.49A (10hr, 1.80V/cell,25 /77)
	22.62AH/4.52A (5hr, 1.75V/cell,25 /77)
	20.02AH/6.67A (3hr, 1.75V/cell,25 /77)
	16.12AH/16.12A (1hr, 1.60V/cell,25 /77)
Max. Discharge Current	390A(5S)
Nominal Operating Temp. Range	25±3 (77±5)
Cycle Use	Charge Current Less Than 0.25CA 14.1V~14.7V@25 (77)Temp. Coefficient -30mV/
Floating Use	No limit on Initial Charging Current Voltage 13.5V~13.8V@25 (77)Temp. Coefficient -20mV/
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	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	90.5	70.2	58.8	51.3	40.1	29.8	25.2	15	11.8	9.62	7.87	6.84	5.54	4.64	2.55
1.80V/cell	120.2	88.7	70.1	59.8	46.6	34.4	28.1	16.3	12.6	10.2	8.4	7.31	5.86	4.78	2.57
1.75V/cell	132.7	95.9	75.6	63.7	48	35.4	29.3	16.8	12.8	10.4	8.6	7.49	5.95	4.9	2.59
1.70V/cell	142	102.1	79.6	66.4	49.7	36.6	30.1	17.2	13.1	10.7	8.8	7.63	6.03	4.99	2.64
1.65V/cell	154.4	109.2	84	70.1	52	37.2	30.6	17.4	13.6	11	9.01	7.77	6.11	5.09	2.67
1.60V/cell	166.4	115.9	88.3	73.8	54.5	38.6	30.7	18	14	11.3	9.27	7.92	6.15	5.14	2.68

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	49.5	38	31.5	27.2	21.1	15.5	13.1	7.73	6.05	4.92	4.01	3.48	2.81	2.35	1.29
1.80V/cell	66.5	48.6	38.1	32.2	24.8	18	14.6	8.44	6.51	5.25	4.31	3.73	2.98	2.42	1.3
1.75V/cell	74.9	53.4	41.6	34.6	25.8	18.7	15.3	8.75	6.63	5.37	4.42	3.84	3.03	2.48	1.31
1.70V/cell	82.5	58.2	44.4	36.4	26.8	19.5	15.8	8.97	6.81	5.51	4.53	3.92	3.07	2.53	1.34
1.65V/cell	91	62.8	47.2	38.7	28.3	20	16.2	9.1	7.11	5.7	4.66	4	3.12	2.58	1.35
1.60V/cell	100.4	68.2	50.5	41.2	29.9	20.8	16.3	9.49	7.32	5.88	4.81	4.09	3.15	2.61	1.36