

# Performance Table @ 25°C (77°F)

## NSB 12-540



### Current / A

Duration		End of Discharge Voltage								
Mins	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	500.7	566.3	627.8	682.0	709.8	726.1	757.5	774.5	776.0
5	0.08	369.5	416.8	461.5	501.6	522.6	535.1	560.4	576.0	581.2
10	0.17	270.1	301.3	330.6	356.9	370.7	379.0	395.9	406.8	411.3
15	0.25	217.9	240.9	262.4	281.5	291.6	297.6	309.9	318.0	321.4
20	0.33	184.7	202.7	219.4	234.2	242.0	246.6	256.2	262.4	265.1
30	0.50	143.7	155.9	167.2	177.1	182.2	185.3	191.6	195.8	197.6
45	0.75	109.5	117.5	124.7	131.0	134.2	136.2	140.1	142.7	143.8
60	1	89.3	94.9	100.1	104.5	106.8	108.1	110.8	112.6	113.4
120	2	52.5	54.8	56.8	58.5	59.3	59.8	60.8	61.4	61.6
180	3	37.6	38.9	39.9	40.8	41.2	41.5	41.9	42.2	42.3
240	4	29.4	30.2	30.8	31.3	31.6	31.7	32.0	32.2	32.2
300	5	24.2	24.7	25.1	25.5	25.6	25.7	25.9	26.0	25.9
480	8	15.8	16.0	16.1	16.3	16.3	16.4	16.4	16.4	16.4
600	10	12.8	12.9	13.0	13.1	13.2	13.2	13.2	13.2	13.2
1200	20	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7

### Capacity / Ah

Duration		End of Discharge Voltage								
Mins	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	16.7	18.9	20.9	22.7	23.7	24.2	25.3	25.8	25.9
5	0.08	30.8	34.7	38.5	41.8	43.5	44.6	46.7	48.0	48.4
10	0.17	45.0	50.2	55.1	59.5	61.8	63.2	66.0	67.8	68.5
15	0.25	54.5	60.2	65.6	70.4	72.9	74.4	77.5	79.5	80.4
20	0.33	61.6	67.6	73.1	78.1	80.7	82.2	85.4	87.5	88.4
30	0.50	71.8	78.0	83.6	88.5	91.1	92.7	95.8	97.9	98.8
45	0.75	82.1	88.1	93.5	98.2	100.7	102.1	105.1	107.0	107.9
60	1	89.3	94.9	100.1	104.5	106.8	108.1	110.8	112.6	113.4
120	2	105.1	109.6	113.5	116.9	118.6	119.6	121.5	122.7	123.2
180	3	112.9	116.6	119.7	122.3	123.6	124.4	125.8	126.6	126.8
240	4	117.7	120.7	123.3	125.4	126.4	127.0	128.1	128.6	128.7
300	5	120.9	123.4	125.6	127.3	128.1	128.6	129.4	129.8	129.8
480	8	126.1	127.8	129.2	130.2	130.7	131.0	131.4	131.4	131.4
600	10	127.8	129.2	130.3	131.2	131.5	131.7	132.0	132.0	132.0
1200	20	130.1	131.2	132.1	132.8	133.1	133.3	133.4	133.3	133.3

### Power / W per cell

Duration		End of Discharge Voltage								
Mins	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	901.2	1007.4	1105.2	1190.0	1232.8	1257.5	1304.3	1327.7	1327.7
5	0.08	685.5	763.7	836.4	900.8	934.1	953.8	992.9	1016.3	1022.9
10	0.17	511.9	564.0	612.4	655.2	677.5	690.7	717.5	734.5	740.9
15	0.25	417.9	456.5	492.0	523.4	539.7	549.4	569.2	581.9	587.1
20	0.33	357.0	387.2	414.9	439.3	451.9	459.5	474.8	484.8	489.0
30	0.50	280.6	301.1	319.8	336.1	344.6	349.6	359.8	366.5	369.4
45	0.75	215.9	229.2	241.1	251.5	256.8	260.0	266.4	270.6	272.4
60	1	177.1	186.5	194.9	202.2	205.9	208.1	212.5	215.4	216.6
120	2	105.7	109.2	112.4	115.0	116.4	117.2	118.7	119.7	120.1
180	3	76.2	78.0	79.6	81.0	81.6	82.0	82.7	83.2	83.3
240	4	59.8	60.9	61.8	62.6	62.9	63.2	63.6	63.8	63.8
300	5	49.3	50.0	50.6	51.0	51.2	51.4	51.6	51.7	51.7
480	8	32.3	32.5	32.7	32.9	32.9	33.0	33.0	33.0	33.0
600	10	26.2	26.3	26.5	26.5	26.6	26.6	26.6	26.6	26.6
1200	20	13.3	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5