

Performance Table @ 20°C (68°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	451.2	510.4	565.7	614.6	639.7	654.3	682.6	697.9	699.3
5	0.08	339.4	382.8	423.9	460.7	480.0	491.5	514.7	529.1	533.8
10	0.17	251.4	280.4	307.7	332.2	345.1	352.7	368.5	378.7	382.8
15	0.25	204.3	225.9	246.0	263.9	273.4	279.0	290.6	298.1	301.3
20	0.33	174.0	191.0	206.7	220.7	228.0	232.4	241.3	247.2	249.8
30	0.50	136.3	147.9	158.6	168.0	172.9	175.8	181.8	185.7	187.4
45	0.75	104.5	112.1	119.0	125.0	128.1	130.0	133.8	136.2	137.3
60	1	85.6	91.0	95.9	100.2	102.4	103.6	106.3	108.0	108.7
120	2	50.9	53.0	55.0	56.6	57.4	57.9	58.8	59.4	59.6
180	3	36.6	37.8	38.8	39.7	40.1	40.3	40.8	41.1	41.1
240	4	28.7	29.5	30.1	30.6	30.9	31.0	31.3	31.4	31.4
300	5	23.7	24.2	24.6	24.9	25.1	25.2	25.3	25.4	25.4
480	8	15.5	15.7	15.9	16.0	16.1	16.1	16.2	16.2	16.1
600	10	12.6	12.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0
1200	20	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6

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	15.0	17.0	18.9	20.5	21.3	21.8	22.8	23.3	23.3
5	0.08	28.3	31.9	35.3	38.4	40.0	41.0	42.9	44.1	44.5
10	0.17	41.9	46.7	51.3	55.4	57.5	58.8	61.4	63.1	63.8
15	0.25	51.1	56.5	61.5	66.0	68.3	69.7	72.6	74.5	75.3
20	0.33	58.0	63.7	68.9	73.6	76.0	77.5	80.4	82.4	83.3
30	0.50	68.1	73.9	79.3	84.0	86.4	87.9	90.9	92.9	93.7
45	0.75	78.4	84.1	89.3	93.8	96.1	97.5	100.3	102.2	103.0
60	1	85.6	91.0	95.9	100.2	102.4	103.6	106.3	108.0	108.7
120	2	101.7	106.1	109.9	113.2	114.8	115.8	117.7	118.8	119.2
180	3	109.9	113.4	116.5	119.0	120.3	121.0	122.4	123.2	123.4
240	4	115.0	117.9	120.4	122.4	123.4	124.0	125.0	125.6	125.7
300	5	118.4	120.9	122.9	124.6	125.4	125.9	126.7	127.1	127.1
480	8	124.1	125.8	127.1	128.1	128.6	128.9	129.3	129.3	129.3
600	10	126.1	127.4	128.5	129.4	129.7	129.9	130.2	130.2	130.2
1200	20	129.1	130.3	131.2	131.8	132.1	132.3	132.4	132.4	132.4

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	812.1	907.8	995.9	1072.3	1110.9	1133.2	1175.3	1196.5	1196.5
5	0.08	629.6	701.4	768.2	827.3	857.9	876.0	912.0	933.5	939.5
10	0.17	476.4	525.0	570.0	609.8	630.6	642.9	667.8	683.6	689.5
15	0.25	391.8	427.9	461.3	490.7	506.0	515.1	533.6	545.5	550.4
20	0.33	336.3	364.8	390.9	413.9	425.8	432.9	447.4	456.8	460.7
30	0.50	266.1	285.6	303.3	318.8	326.8	331.6	341.3	347.6	350.4
45	0.75	206.1	218.8	230.2	240.1	245.1	248.2	254.3	258.3	260.1
60	1	169.8	178.8	186.9	193.8	197.4	199.5	203.7	206.5	207.7
120	2	102.3	105.8	108.8	111.4	112.7	113.4	114.9	115.9	116.2
180	3	74.1	75.9	77.5	78.8	79.4	79.8	80.5	80.9	81.1
240	4	58.4	59.5	60.4	61.1	61.5	61.7	62.1	62.3	62.3
300	5	48.2	48.9	49.5	50.0	50.2	50.3	50.5	50.6	50.6
480	8	31.7	32.0	32.2	32.3	32.4	32.4	32.5	32.5	32.5
600	10	25.8	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2
1200	20	13.2	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4