

Performance Table @ 25°C (77°F)

NSB 12-590FT



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	511.3	608.0	704.3	794.8	844.0	873.9	936.0	976.6	992.8
5	0.08	418.8	474.5	528.1	577.5	604.2	620.5	655.0	679.2	692.1
10	0.17	318.8	350.1	379.5	406.3	420.6	429.3	447.9	461.4	469.3
15	0.25	260.3	281.3	300.8	318.3	327.7	333.4	345.5	354.3	359.6
20	0.33	221.5	236.9	251.0	263.7	270.4	274.5	283.1	289.5	293.3
30	0.50	172.4	181.9	190.6	198.3	202.3	204.8	209.9	213.6	215.9
45	0.75	130.9	136.6	141.7	146.1	148.4	149.8	152.7	154.7	155.9
60	1	106.2	110.1	113.4	116.4	117.9	118.7	120.6	121.8	122.5
120	2	61.7	63.0	64.2	65.1	65.6	65.9	66.4	66.7	66.8
180	3	43.9	44.6	45.2	45.6	45.9	46.0	46.2	46.3	46.3
240	4	34.2	34.6	35.0	35.3	35.4	35.5	35.6	35.6	35.5
300	5	28.0	28.3	28.6	28.8	28.9	28.9	29.0	29.0	28.9
480	8	18.3	18.4	18.6	18.7	18.7	18.8	18.8	18.8	18.8
600	10	14.9	15.0	15.1	15.2	15.2	15.3	15.3	15.3	15.3
1200	20	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2

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	17.0	20.3	23.5	26.5	28.1	29.1	31.2	32.6	33.1
5	0.08	34.9	39.5	44.0	48.1	50.4	51.7	54.6	56.6	57.7
10	0.17	53.1	58.3	63.3	67.7	70.1	71.6	74.7	76.9	78.2
15	0.25	65.1	70.3	75.2	79.6	81.9	83.3	86.4	88.6	89.9
20	0.33	73.8	79.0	83.7	87.9	90.1	91.5	94.4	96.5	97.8
30	0.50	86.2	91.0	95.3	99.2	101.2	102.4	105.0	106.8	107.9
45	0.75	98.2	102.4	106.3	109.6	111.3	112.3	114.5	116.0	116.9
60	1	106.2	110.1	113.4	116.4	117.9	118.7	120.6	121.8	122.5
120	2	123.4	126.1	128.4	130.3	131.2	131.8	132.8	133.4	133.5
180	3	131.7	133.8	135.5	136.9	137.6	138.0	138.6	138.9	138.9
240	4	136.7	138.5	139.9	141.1	141.6	141.8	142.3	142.4	142.4
300	5	140.1	141.7	143.0	144.0	144.4	144.6	145.0	145.0	145.0
480	8	146.2	147.6	148.7	149.5	149.9	150.1	150.4	150.4	150.4
600	10	148.6	150.0	151.1	152.0	152.4	152.7	153.0	153.1	153.1
1200	20	154.6	156.6	158.4	160.0	160.8	161.3	162.4	163.2	163.7

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	952.4	1099.1	1240.2	1368.2	1435.6	1475.7	1556.2	1604.4	1617.3
5	0.08	792.9	878.6	959.1	1031.4	1069.6	1092.6	1140.2	1172.2	1187.1
10	0.17	610.2	659.0	704.1	744.2	765.4	778.2	805.0	823.9	834.2
15	0.25	501.2	534.2	564.4	591.2	605.2	613.8	631.7	644.4	651.8
20	0.33	428.2	452.6	474.7	494.2	504.4	510.6	523.6	533.0	538.4
30	0.50	335.1	350.4	364.2	376.2	382.5	386.2	394.1	399.8	403.1
45	0.75	255.8	265.0	273.2	280.3	283.9	286.1	290.6	293.8	295.5
60	1	208.4	214.6	220.1	224.8	227.2	228.7	231.6	233.6	234.6
120	2	121.9	124.2	126.2	127.8	128.6	129.0	129.9	130.4	130.5
180	3	87.1	88.3	89.4	90.2	90.6	90.8	91.2	91.3	91.3
240	4	68.0	68.8	69.5	70.0	70.2	70.3	70.5	70.6	70.6
300	5	55.9	56.5	57.0	57.3	57.5	57.5	57.7	57.7	57.7
480	8	36.6	36.9	37.2	37.4	37.5	37.5	37.6	37.6	37.6
600	10	29.8	30.1	30.3	30.5	30.5	30.6	30.6	30.6	30.6
1200	20	15.6	15.8	15.9	16.1	16.1	16.2	16.3	16.3	16.4

