

Performance Table @ 20°C (68°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	460.7	547.9	634.7	716.2	760.5	787.5	843.4	880.1	894.6
5	0.08	384.6	435.8	485.0	530.4	554.9	569.9	601.6	623.9	635.6
10	0.17	296.7	325.8	353.2	378.1	391.5	399.6	416.9	429.5	436.8
15	0.25	244.0	263.7	282.0	298.4	307.2	312.5	323.9	332.2	337.2
20	0.33	208.7	223.2	236.5	248.4	254.8	258.6	266.8	272.7	276.3
30	0.50	163.5	172.6	180.8	188.1	191.9	194.2	199.1	202.7	204.7
45	0.75	125.0	130.4	135.3	139.5	141.7	143.0	145.7	147.7	148.8
60	1	101.9	105.5	108.8	111.6	113.0	113.8	115.6	116.8	117.4
120	2	59.7	61.0	62.1	63.1	63.5	63.8	64.3	64.6	64.6
180	3	42.7	43.4	44.0	44.4	44.6	44.8	45.0	45.0	45.0
240	4	33.4	33.8	34.2	34.4	34.6	34.6	34.7	34.8	34.7
300	5	27.4	27.7	28.0	28.2	28.3	28.3	28.4	28.4	28.3
480	8	18.0	18.2	18.3	18.4	18.4	18.5	18.5	18.5	18.5
600	10	14.7	14.8	14.9	15.0	15.0	15.1	15.1	15.1	15.1
1200	20	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1

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	15.4	18.3	21.2	23.9	25.4	26.2	28.1	29.3	29.8
5	0.08	32.1	36.3	40.4	44.2	46.2	47.5	50.1	52.0	53.0
10	0.17	49.4	54.3	58.9	63.0	65.2	66.6	69.5	71.6	72.8
15	0.25	61.0	65.9	70.5	74.6	76.8	78.1	81.0	83.1	84.3
20	0.33	69.6	74.4	78.8	82.8	84.9	86.2	88.9	90.9	92.1
30	0.50	81.8	86.3	90.4	94.0	96.0	97.1	99.6	101.3	102.4
45	0.75	93.7	97.8	101.4	104.6	106.3	107.2	109.3	110.8	111.6
60	1	101.9	105.5	108.8	111.6	113.0	113.8	115.6	116.8	117.4
120	2	119.5	122.1	124.3	126.1	127.0	127.6	128.6	129.1	129.3
180	3	128.1	130.2	131.9	133.3	133.9	134.3	134.9	135.1	135.1
240	4	133.5	135.2	136.6	137.7	138.2	138.5	138.9	139.0	139.0
300	5	137.2	138.7	140.0	141.0	141.4	141.6	141.9	141.9	141.9
480	8	143.9	145.2	146.3	147.2	147.5	147.7	148.0	148.0	148.0
600	10	146.5	147.9	149.1	150.0	150.4	150.6	150.9	151.0	151.0
1200	20	153.5	155.5	157.2	158.8	159.6	160.1	161.2	162.0	162.5

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	858.2	990.4	1117.6	1232.9	1293.6	1329.8	1402.3	1445.8	1457.4
5	0.08	728.2	807.0	880.9	947.3	982.4	1003.5	1047.3	1076.6	1090.3
10	0.17	568.0	613.4	655.3	692.6	712.4	724.3	749.3	766.8	776.4
15	0.25	469.9	500.9	529.2	554.2	567.4	575.4	592.2	604.2	611.0
20	0.33	403.5	426.4	447.3	465.6	475.3	481.1	493.4	502.2	507.3
30	0.50	317.9	332.4	345.4	356.8	362.8	366.4	373.9	379.2	382.3
45	0.75	244.2	253.0	260.8	267.5	271.0	273.1	277.4	280.5	282.1
60	1	199.8	205.7	211.0	215.5	217.8	219.2	222.0	223.9	224.9
120	2	118.0	120.3	122.2	123.7	124.5	124.9	125.8	126.2	126.3
180	3	84.8	86.0	87.0	87.8	88.1	88.3	88.7	88.9	88.9
240	4	66.4	67.2	67.8	68.3	68.6	68.7	68.9	68.9	68.9
300	5	54.7	55.3	55.8	56.1	56.3	56.3	56.5	56.5	56.5
480	8	36.0	36.3	36.6	36.8	36.9	36.9	37.0	37.0	37.0
600	10	29.4	29.7	29.9	30.0	30.1	30.2	30.2	30.2	30.2
1200	20	15.5	15.7	15.8	15.9	16.0	16.1	16.1	16.2	16.2

