

# Performance Table @ 20°C (68°F)

## NSB 40FT Silver



### 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	187.5	213.8	239.5	263.6	276.7	284.8	302.3	315.1	322.6
5	0.08	128.1	140.2	151.3	161.0	165.9	168.8	174.5	177.8	178.6
10	0.17	88.2	94.3	99.8	104.3	106.5	107.8	110.1	111.1	110.9
15	0.25	68.7	72.8	76.3	79.2	80.6	81.4	82.7	83.3	82.9
20	0.33	56.9	59.9	62.5	64.6	65.6	66.1	67.1	67.4	67.1
30	0.50	43.0	44.9	46.6	47.9	48.5	48.9	49.5	49.7	49.5
45	0.75	31.9	33.2	34.2	35.1	35.5	35.7	36.1	36.3	36.2
60	1	25.6	26.5	27.3	28.0	28.3	28.4	28.7	28.9	28.8
120	2	14.7	15.1	15.5	15.8	16.0	16.1	16.3	16.3	16.3
180	3	10.4	10.8	11.0	11.2	11.3	11.4	11.5	11.6	11.6
240	4	8.2	8.4	8.6	8.8	8.9	8.9	9.0	9.0	9.0
300	5	6.7	6.9	7.1	7.2	7.3	7.3	7.4	7.4	7.4
480	8	4.5	4.6	4.7	4.8	4.8	4.8	4.9	4.9	4.9
600	10	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0
1200	20	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1

### 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	6.3	7.1	8.0	8.8	9.2	9.5	10.1	10.5	10.8
5	0.08	10.7	11.7	12.6	13.4	13.8	14.1	14.5	14.8	14.9
10	0.17	14.7	15.7	16.6	17.4	17.8	18.0	18.3	18.5	18.5
15	0.25	17.2	18.2	19.1	19.8	20.2	20.3	20.7	20.8	20.8
20	0.33	19.0	20.0	20.8	21.5	21.9	22.0	22.4	22.5	22.5
30	0.50	21.5	22.5	23.3	24.0	24.3	24.4	24.7	24.8	24.8
45	0.75	23.9	24.9	25.7	26.3	26.6	26.8	27.1	27.2	27.2
60	1	25.6	26.5	27.3	28.0	28.3	28.4	28.7	28.9	28.9
120	2	29.3	30.3	31.0	31.7	32.0	32.2	32.5	32.7	32.7
180	3	31.3	32.3	33.1	33.7	34.0	34.2	34.6	34.8	34.8
240	4	32.7	33.6	34.4	35.1	35.4	35.6	35.9	36.1	36.2
300	5	33.7	34.6	35.4	36.1	36.4	36.6	37.0	37.2	37.2
480	8	35.7	36.7	37.5	38.2	38.5	38.7	39.0	39.1	39.1
600	10	36.6	37.6	38.5	39.1	39.4	39.6	39.9	40.0	40.0
1200	20	39.6	40.6	41.4	42.0	42.2	42.3	42.3	42.1	42.1

### 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	353.3	396.3	437.3	474.7	494.7	506.8	532.3	549.9	558.8
5	0.08	245.6	265.6	283.6	299.0	306.8	311.3	320.1	324.9	325.7
10	0.17	171.0	181.4	190.3	197.7	201.3	203.4	207.0	208.6	208.6
15	0.25	134.3	141.1	147.0	151.7	154.0	155.3	157.5	158.3	158.3
20	0.33	111.7	116.8	121.1	124.6	126.2	127.1	128.7	129.2	129.2
30	0.50	84.8	88.1	90.9	93.2	94.2	94.8	95.8	96.1	96.1
45	0.75	63.3	65.5	67.3	68.8	69.5	69.9	70.5	70.7	70.7
60	1	50.9	52.6	53.9	55.1	55.6	55.9	56.4	56.5	56.5
120	2	29.4	30.2	30.9	31.5	31.7	31.9	32.2	32.3	32.3
180	3	21.0	21.5	22.0	22.4	22.6	22.7	22.9	23.0	23.0
240	4	16.4	16.9	17.2	17.5	17.7	17.7	17.9	18.0	18.0
300	5	13.6	13.9	14.2	14.4	14.6	14.6	14.7	14.8	14.8
480	8	9.0	9.2	9.4	9.6	9.6	9.7	9.7	9.8	9.8
600	10	7.4	7.6	7.7	7.8	7.9	7.9	8.0	8.0	8.0
1200	20	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2

