

Performance Table @ 20°C (68°F)

NSB 40 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	201.9	232.9	263.5	292.1	307.8	317.5	338.2	353.2	361.6
5	0.08	141.7	156.4	170.1	181.9	188.0	191.6	198.6	202.6	203.4
10	0.17	97.1	104.5	111.1	116.6	119.3	120.8	123.6	125.0	125.0
15	0.25	75.1	79.8	84.0	87.4	89.0	89.9	91.6	92.3	92.3
20	0.33	61.7	65.1	68.0	70.4	71.6	72.2	73.4	73.9	73.9
30	0.50	46.0	48.1	49.9	51.3	52.0	52.4	53.2	53.5	53.5
45	0.75	33.7	35.0	36.1	37.0	37.4	37.7	38.1	38.4	38.4
60	1	26.8	27.7	28.5	29.1	29.4	29.6	30.0	30.2	30.2
120	2	15.1	15.5	15.9	16.2	16.3	16.4	16.6	16.7	16.8
180	3	10.7	11.0	11.2	11.4	11.5	11.6	11.7	11.8	11.9
240	4	8.3	8.6	8.7	8.9	9.0	9.0	9.1	9.2	9.3
300	5	6.9	7.1	7.2	7.4	7.4	7.5	7.6	7.6	7.6
480	8	4.6	4.7	4.9	5.0	5.0	5.0	5.1	5.1	5.1
600	10	3.8	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.2
1200	20	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4

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	6.7	7.8	8.8	9.7	10.3	10.6	11.3	11.8	12.1
5	0.08	11.8	13.0	14.2	15.2	15.7	16.0	16.5	16.9	16.9
10	0.17	16.2	17.4	18.5	19.4	19.9	20.1	20.6	20.8	20.8
15	0.25	18.8	20.0	21.0	21.8	22.2	22.5	22.9	23.1	23.1
20	0.33	20.6	21.7	22.7	23.5	23.9	24.1	24.5	24.6	24.6
30	0.50	23.0	24.0	24.9	25.7	26.0	26.2	26.6	26.7	26.7
45	0.75	25.3	26.2	27.0	27.7	28.1	28.2	28.6	28.8	28.8
60	1	26.8	27.7	28.5	29.1	29.4	29.6	30.0	30.2	30.2
120	2	30.2	31.0	31.7	32.3	32.6	32.8	33.2	33.5	33.6
180	3	32.0	32.9	33.6	34.2	34.5	34.7	35.1	35.4	35.6
240	4	33.3	34.2	35.0	35.6	36.0	36.2	36.6	36.9	37.0
300	5	34.4	35.3	36.1	36.8	37.2	37.4	37.8	38.0	38.2
480	8	36.8	37.9	38.9	39.6	40.0	40.2	40.6	40.7	40.7
600	10	38.0	39.3	40.3	41.2	41.6	41.8	42.1	42.2	42.2
1200	20	42.9	44.8	46.3	47.3	47.7	47.9	48.0	47.5	47.5

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	368.5	419.7	469.0	514.2	538.3	553.0	583.4	603.9	613.2
5	0.08	268.0	292.1	314.0	332.7	342.1	347.5	357.9	363.4	363.8
10	0.17	187.5	199.5	210.0	218.7	223.0	225.3	229.6	231.4	231.4
15	0.25	146.3	154.0	160.7	166.1	168.7	170.2	172.7	173.7	173.7
20	0.33	120.9	126.5	131.3	135.1	137.0	138.0	139.8	140.5	140.5
30	0.50	90.7	94.2	97.2	99.6	100.8	101.4	102.5	103.0	103.0
45	0.75	66.7	69.0	70.9	72.4	73.1	73.6	74.3	74.7	74.7
60	1	53.2	54.8	56.2	57.3	57.9	58.2	58.8	59.1	59.1
120	2	30.1	30.9	31.6	32.1	32.4	32.6	32.9	33.1	33.2
180	3	21.3	21.9	22.3	22.7	22.9	23.1	23.3	23.5	23.5
240	4	16.7	17.1	17.5	17.8	17.9	18.0	18.2	18.3	18.4
300	5	13.8	14.1	14.4	14.7	14.8	14.9	15.0	15.1	15.1
480	8	9.2	9.5	9.7	9.8	9.9	10.0	10.0	10.1	10.1
600	10	7.6	7.8	8.0	8.2	8.2	8.3	8.3	8.3	8.3
1200	20	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6

