

Performance Table @ 25°C (77°F)

NSB12-300



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	319.2	380.9	442.8	501.4	533.3	552.9	593.8	621.1	632.7
5	0.08	244.9	272.0	296.9	318.4	329.2	335.5	347.4	353.4	353.4
10	0.17	175.7	188.4	199.6	208.7	213.2	215.7	220.0	221.7	221.7
15	0.25	138.3	146.3	153.1	158.7	161.3	162.8	165.3	166.2	166.2
20	0.33	114.8	120.4	125.3	129.2	131.1	132.1	133.9	134.5	134.5
30	0.50	86.3	89.8	92.9	95.3	96.5	97.2	98.4	98.9	98.9
45	0.75	63.4	65.7	67.7	69.3	70.1	70.6	71.5	71.9	72.0
60	1	50.4	52.1	53.6	54.8	55.5	55.8	56.6	57.0	57.2
120	2	28.1	29.0	29.8	30.5	30.8	31.0	31.5	31.8	32.0
180	3	19.7	20.3	20.9	21.3	21.6	21.7	22.1	22.3	22.5
240	4	15.2	15.7	16.1	16.5	16.7	16.8	17.0	17.2	17.3
300	5	12.5	12.9	13.2	13.5	13.6	13.7	13.9	14.0	14.1
480	8	8.2	8.4	8.6	8.8	8.9	8.9	9.0	9.0	9.0
600	10	6.7	6.9	7.0	7.2	7.2	7.2	7.3	7.3	7.3
1200	20	3.6	3.7	3.8	3.8	3.8	3.8	3.7	3.7	3.7

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	10.6	12.7	14.8	16.7	17.8	18.4	19.8	20.7	21.1
5	0.08	20.4	22.7	24.7	26.5	27.4	28.0	28.9	29.5	29.5
10	0.17	29.3	31.4	33.3	34.8	35.5	35.9	36.7	37.0	37.0
15	0.25	34.6	36.6	38.3	39.7	40.3	40.7	41.3	41.6	41.6
20	0.33	38.3	40.1	41.8	43.1	43.7	44.0	44.6	44.8	44.8
30	0.50	43.1	44.9	46.4	47.7	48.3	48.6	49.2	49.5	49.5
45	0.75	47.6	49.3	50.8	52.0	52.6	52.9	53.6	54.0	54.0
60	1	50.4	52.1	53.6	54.8	55.5	55.8	56.6	57.0	57.2
120	2	56.2	58.0	59.6	61.0	61.7	62.1	63.0	63.6	64.0
180	3	59.1	60.9	62.6	64.0	64.8	65.2	66.2	66.9	67.4
240	4	61.0	62.9	64.6	66.0	66.8	67.2	68.2	68.9	69.3
300	5	62.4	64.3	66.0	67.5	68.2	68.7	69.6	70.2	70.5
480	8	65.4	67.3	69.0	70.3	70.9	71.3	72.0	72.3	72.3
600	10	67.0	68.9	70.4	71.6	72.1	72.4	72.9	73.0	73.0
1200	20	72.9	74.3	75.2	75.6	75.6	75.5	74.8	73.7	73.7

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	592.3	691.2	787.7	876.5	923.9	952.4	1010.6	1047.1	1059.4
5	0.08	462.7	509.3	551.6	587.7	605.8	616.2	635.6	645.2	645.2
10	0.17	337.0	360.0	380.1	396.6	404.5	409.0	416.9	420.0	420.0
15	0.25	267.8	282.5	295.0	305.3	310.2	312.9	317.6	319.4	319.4
20	0.33	223.6	234.1	243.1	250.4	253.9	255.8	259.2	260.5	260.5
30	0.50	169.5	176.1	181.7	186.3	188.5	189.7	192.0	192.9	192.9
45	0.75	125.6	129.8	133.4	136.3	137.8	138.6	140.1	140.9	141.0
60	1	100.3	103.4	106.0	108.2	109.3	110.0	111.2	111.9	112.1
120	2	56.5	58.0	59.3	60.5	61.1	61.4	62.1	62.6	62.9
180	3	39.7	40.7	41.7	42.5	42.9	43.1	43.6	44.0	44.2
240	4	30.7	31.6	32.3	32.9	33.2	33.4	33.7	34.0	34.1
300	5	25.2	25.8	26.4	26.9	27.2	27.3	27.6	27.8	27.9
480	8	16.5	16.9	17.3	17.6	17.7	17.8	17.9	18.0	18.0
600	10	13.4	13.8	14.1	14.3	14.4	14.5	14.6	14.6	14.6
1200	20	7.2	7.4	7.5	7.6	7.6	7.6	7.6	7.5	7.5