

Performance Table @ 20°C (68°F)

NSB 12-400



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	352.9	413.6	473.3	528.8	558.7	576.9	614.4	638.9	648.7
5	0.08	261.5	298.3	333.3	364.6	380.9	390.6	409.7	420.8	423.2
10	0.17	190.5	213.0	233.7	251.8	261.0	266.3	276.6	282.0	282.3
15	0.25	153.3	169.3	183.9	196.4	202.8	206.4	213.2	216.7	216.7
20	0.33	129.6	141.9	153.1	162.6	167.4	170.1	175.1	177.6	177.6
30	0.50	100.4	108.8	116.3	122.5	125.6	127.4	130.6	132.1	132.1
45	0.75	76.4	81.9	86.7	90.7	92.7	93.8	95.8	96.6	96.6
60	1	62.2	66.2	69.7	72.6	73.9	74.7	76.1	76.7	76.7
120	2	36.6	38.4	39.9	41.1	41.7	42.1	42.6	42.9	42.9
180	3	26.3	27.4	28.3	29.0	29.4	29.6	29.9	30.0	30.0
240	4	20.7	21.4	22.0	22.5	22.8	22.9	23.1	23.2	23.2
300	5	17.1	17.6	18.1	18.5	18.6	18.7	18.9	19.0	19.0
480	8	11.3	11.6	11.8	12.0	12.1	12.2	12.3	12.3	12.3
600	10	9.2	9.5	9.6	9.8	9.9	9.9	10.0	10.0	10.0
1200	20	4.9	5.0	5.1	5.1	5.2	5.2	5.2	5.2	5.2

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	11.8	13.8	15.8	17.6	18.6	19.2	20.5	21.3	21.6
5	0.08	21.8	24.9	27.8	30.4	31.7	32.5	34.1	35.1	35.3
10	0.17	31.8	35.5	38.9	42.0	43.5	44.4	46.1	47.0	47.1
15	0.25	38.3	42.3	46.0	49.1	50.7	51.6	53.3	54.2	54.2
20	0.33	43.2	47.3	51.0	54.2	55.8	56.7	58.4	59.2	59.2
30	0.50	50.2	54.4	58.1	61.3	62.8	63.7	65.3	66.0	66.0
45	0.75	57.3	61.4	65.0	68.0	69.5	70.3	71.8	72.5	72.5
60	1	62.2	66.2	69.7	72.6	73.9	74.7	76.1	76.7	76.7
120	2	73.2	76.8	79.8	82.3	83.5	84.1	85.3	85.7	85.7
180	3	79.0	82.2	84.9	87.1	88.2	88.7	89.7	90.1	90.1
240	4	82.7	85.7	88.2	90.2	91.1	91.6	92.6	92.9	92.9
300	5	85.3	88.1	90.4	92.3	93.2	93.7	94.6	94.9	94.9
480	8	90.2	92.7	94.7	96.4	97.1	97.6	98.3	98.6	98.6
600	10	92.2	94.5	96.5	98.1	98.8	99.2	100.0	100.3	100.3
1200	20	97.2	99.4	101.3	102.8	103.5	103.9	104.6	105.0	105.0

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	645.0	747.7	846.4	935.6	982.3	1009.9	1064.5	1095.7	1101.2
5	0.08	491.4	552.6	609.5	659.4	685.0	699.8	728.4	743.7	744.7
10	0.17	364.1	400.9	434.4	463.1	477.6	485.9	501.6	509.5	509.5
15	0.25	295.3	321.5	345.0	364.9	374.9	380.5	391.2	396.4	396.4
20	0.33	251.0	271.1	289.1	304.2	311.7	315.9	323.8	327.6	327.6
30	0.50	195.9	209.5	221.4	231.4	236.3	239.1	244.2	246.5	246.5
45	0.75	149.8	158.7	166.4	172.9	176.0	177.7	180.9	182.4	182.4
60	1	122.4	128.9	134.5	139.1	141.4	142.6	144.9	145.9	145.9
120	2	72.6	75.5	78.0	80.0	80.9	81.5	82.4	82.8	82.8
180	3	52.4	54.2	55.7	56.9	57.4	57.8	58.3	58.5	58.5
240	4	41.2	42.5	43.5	44.4	44.7	45.0	45.3	45.5	45.5
300	5	34.1	35.0	35.8	36.5	36.8	36.9	37.2	37.3	37.3
480	8	22.6	23.1	23.6	23.9	24.1	24.2	24.3	24.4	24.4
600	10	18.5	18.9	19.3	19.5	19.7	19.7	19.8	19.9	19.9
1200	20	9.8	10.0	10.2	10.3	10.4	10.4	10.5	10.5	10.5