

# NSB 110FT BLUE+ Battery®

Discharge tables @ 20°C (68°F)



### Current / A

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	563.6	603.6	644.4	685.9	711.1	727.9	770.1	812.2	854.0
5	0.08	388.8	417.4	444.7	469.9	484.0	492.8	512.7	529.2	541.9
10	0.17	269.0	286.8	303.1	317.6	325.2	329.8	339.5	346.5	350.5
15	0.25	210.2	222.7	233.9	243.5	248.5	251.5	257.5	261.5	263.3
20	0.33	174.3	183.6	191.8	198.9	202.5	204.6	208.8	211.4	212.3
30	0.50	131.6	137.4	142.6	146.9	149.0	150.3	152.7	154.1	154.5
45	0.75	97.6	101.0	104.0	106.5	107.7	108.4	109.7	110.5	110.6
60	1	78.2	80.4	82.3	83.9	84.7	85.2	86.0	86.5	86.6
120	2	44.5	45.1	45.6	46.1	46.3	46.5	46.7	46.9	47.0
180	3	31.5	31.7	31.9	32.0	32.1	32.2	32.3	32.4	32.5
240	4	24.4	24.5	24.6	24.7	24.7	24.7	24.8	24.9	25.0
300	5	20.0	20.0	20.1	20.1	20.1	20.1	20.2	20.3	20.4
480	8	13.1	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.2
600	10	10.7	10.6	10.6	10.6	10.6	10.6	10.7	10.7	10.7
1200	20	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7

### Current / Ah

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	18.8	20.1	21.5	22.9	23.7	24.3	25.7	27.1	28.5
5	0.08	32.4	34.8	37.1	39.2	40.3	41.1	42.7	44.1	45.2
10	0.17	44.8	47.8	50.5	52.9	54.2	55.0	56.6	57.7	58.4
15	0.25	52.6	55.7	58.5	60.9	62.1	62.9	64.4	65.4	65.8
20	0.33	58.1	61.2	63.9	66.3	67.5	68.2	69.6	70.5	70.8
30	0.50	65.8	68.7	71.3	73.4	74.5	75.1	76.4	77.1	77.2
45	0.75	73.2	75.8	78.0	79.9	80.8	81.3	82.3	82.9	83.0
60	1	78.2	80.4	82.3	83.9	84.7	85.2	86.0	86.5	86.6
120	2	89.0	90.2	91.3	92.2	92.6	92.9	93.5	93.8	94.0
180	3	94.4	95.0	95.6	96.1	96.4	96.6	97.0	97.3	97.6
240	4	97.8	98.1	98.4	98.7	98.8	99.0	99.3	99.6	100.0
300	5	100.2	100.2	100.3	100.5	100.6	100.7	101.0	101.4	101.8
480	8	104.7	104.4	104.3	104.3	104.4	104.4	104.7	105.1	105.5
600	10	106.6	106.3	106.2	106.2	106.2	106.3	106.6	106.9	107.5
1200	20	111.7	112.1	112.5	112.9	113.1	113.3	113.7	114.1	114.5

### Power / WPC

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	1029.7	1086.0	1141.9	1196.9	1229.3	1250.6	1302.7	1352.8	1400.4
5	0.08	735.2	777.5	816.9	852.7	872.2	884.3	911.1	932.6	948.5
10	0.17	518.4	545.5	569.9	591.2	602.3	609.0	622.9	632.6	638.0
15	0.25	408.7	427.9	444.9	459.5	467.0	471.4	480.3	486.2	488.7
20	0.33	340.6	355.0	367.8	378.6	384.1	387.3	393.6	397.6	399.0
30	0.50	258.7	268.0	276.0	282.8	286.1	288.1	291.9	294.1	294.7
45	0.75	192.9	198.4	203.1	207.1	209.0	210.1	212.3	213.5	213.8
60	1	154.9	158.6	161.7	164.3	165.6	166.3	167.7	168.5	168.7
120	2	88.6	89.7	90.6	91.4	91.8	92.0	92.5	92.8	92.9
180	3	62.8	63.2	63.6	63.9	64.1	64.2	64.4	64.6	64.7
240	4	48.9	49.0	49.2	49.3	49.4	49.5	49.6	49.7	49.9
300	5	40.1	40.1	40.2	40.3	40.3	40.4	40.5	40.6	40.7
480	8	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.4	26.4
600	10	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.6
1200	20	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.5

# NSB 110FT BLUE+ Battery®

Discharge tables @ 25°C (77°F)



### Current / A

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	625.4	669.8	715.1	761.2	789.1	807.7	854.5	901.3	947.7
5	0.08	423.3	454.5	484.1	511.7	526.9	536.5	558.2	576.2	590.0
10	0.17	289.0	308.2	325.7	341.2	349.4	354.3	364.8	372.2	376.6
15	0.25	224.2	237.5	249.4	259.8	265.1	268.3	274.7	278.9	280.8
20	0.33	185.0	194.8	203.6	211.1	214.9	217.2	221.6	224.4	225.4
30	0.50	138.7	144.9	150.3	154.8	157.1	158.4	161.0	162.5	162.8
45	0.75	102.2	105.8	109.0	111.5	112.8	113.6	115.0	115.7	115.9
60	1	81.6	83.9	85.9	87.6	88.4	88.8	89.7	90.2	90.3
120	2	46.0	46.6	47.1	47.6	47.9	48.0	48.3	48.5	48.5
180	3	32.3	32.5	32.7	32.9	33.0	33.1	33.2	33.3	33.4
240	4	25.0	25.1	25.2	25.3	25.3	25.3	25.4	25.5	25.6
300	5	20.5	20.5	20.5	20.5	20.6	20.6	20.6	20.7	20.8
480	8	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4
600	10	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.9
1200	20	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.8

### Current / Ah

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	20.8	22.3	23.8	25.4	26.3	26.9	28.5	30.0	31.6
5	0.08	35.3	37.9	40.3	42.6	43.9	44.7	46.5	48.0	49.2
10	0.17	48.2	51.4	54.3	56.9	58.2	59.1	60.8	62.0	62.8
15	0.25	56.1	59.4	62.4	64.9	66.3	67.1	68.7	69.7	70.2
20	0.33	61.7	64.9	67.9	70.4	71.6	72.4	73.9	74.8	75.1
30	0.50	69.4	72.4	75.2	77.4	78.6	79.2	80.5	81.2	81.4
45	0.75	76.7	79.4	81.7	83.7	84.6	85.2	86.2	86.8	86.9
60	1	81.6	83.9	85.9	87.6	88.4	88.8	89.7	90.2	90.3
120	2	91.9	93.2	94.3	95.2	95.7	96.0	96.5	96.9	97.1
180	3	97.0	97.6	98.2	98.8	99.1	99.3	99.7	100.0	100.3
240	4	100.1	100.4	100.7	101.0	101.2	101.4	101.7	102.0	102.4
300	5	102.3	102.4	102.5	102.7	102.8	102.9	103.2	103.5	103.9
480	8	106.4	106.1	106.0	106.0	106.1	106.1	106.4	106.8	107.3
600	10	108.1	107.8	107.7	107.6	107.7	107.8	108.0	108.4	109.0
1200	20	112.6	112.9	113.3	113.7	113.9	114.1	114.5	114.9	115.4

### Power / WPC

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	1142.7	1205.2	1267.2	1328.2	1364.2	1387.8	1445.6	1501.2	1554.0
5	0.08	800.5	846.5	889.4	928.4	949.6	962.8	992.0	1015.4	1032.7
10	0.17	557.0	586.1	612.3	635.2	647.1	654.3	669.2	679.7	685.5
15	0.25	435.9	456.4	474.6	490.1	498.1	502.8	512.4	518.6	521.3
20	0.33	361.5	376.8	390.4	401.8	407.6	411.0	417.8	422.0	423.5
30	0.50	272.8	282.5	291.0	298.1	301.7	303.7	307.7	310.0	310.7
45	0.75	202.0	207.8	212.8	216.9	219.0	220.1	222.4	223.7	224.0
60	1	161.6	165.4	168.7	171.4	172.7	173.5	174.9	175.8	175.9
120	2	91.5	92.6	93.6	94.4	94.8	95.0	95.5	95.8	96.0
180	3	64.5	65.0	65.3	65.7	65.8	65.9	66.2	66.4	66.5
240	4	50.0	50.2	50.4	50.5	50.6	50.7	50.8	50.9	51.1
300	5	40.9	41.0	41.1	41.2	41.2	41.2	41.3	41.4	41.6
480	8	26.7	26.6	26.6	26.6	26.7	26.7	26.7	26.8	26.9
600	10	21.7	21.7	21.6	21.7	21.7	21.7	21.7	21.8	21.9
1200	20	11.3	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.6