

# NSB 180FT Red Battery™

Performance table @ 20°C (68°F)



## 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	404.5	495.4	591.4	687.9	744.0	779.8	861.6	927.7	973.4
5	0.08	386.0	451.1	516.2	578.7	613.6	635.4	683.3	719.8	742.7
10	0.17	320.4	361.9	401.9	439.0	459.2	471.6	498.2	517.5	528.7
15	0.25	272.4	301.9	329.9	355.3	368.9	377.2	394.7	407.1	414.0
20	0.33	237.5	260.0	280.9	299.7	309.7	315.7	328.3	337.1	341.8
30	0.50	190.3	204.8	218.2	229.9	236.0	239.7	247.3	252.5	255.1
45	0.75	147.9	156.8	164.8	171.7	175.3	177.4	181.8	184.6	186.0
60	1	121.6	127.7	133.0	137.6	140.0	141.4	144.2	146.1	146.9
120	2	72.2	74.3	76.1	77.6	78.4	78.8	79.7	80.3	80.5
180	3	51.8	52.8	53.7	54.4	54.7	55.0	55.4	55.6	55.7
240	4	40.4	41.0	41.5	42.0	42.2	42.3	42.5	42.7	42.7
300	5	33.2	33.6	33.9	34.2	34.4	34.4	34.6	34.7	34.7
480	8	21.7	21.9	22.0	22.1	22.2	22.2	22.3	22.4	22.4
600	10	17.6	17.8	17.9	18.0	18.0	18.1	18.1	18.2	18.2
1200	20	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.6	9.6

## 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	13.5	16.5	19.7	22.9	24.8	26.0	28.7	30.9	32.4
5	0.08	32.2	37.6	43.0	48.2	51.1	52.9	56.9	60.0	61.9
10	0.17	53.4	60.3	67.0	73.2	76.5	78.6	83.0	86.3	88.1
15	0.25	68.1	75.5	82.5	88.8	92.2	94.3	98.7	101.8	103.5
20	0.33	79.2	86.7	93.6	99.9	103.2	105.2	109.4	112.4	113.9
30	0.50	95.2	102.4	109.1	114.9	118.0	119.9	123.7	126.2	127.5
45	0.75	110.9	117.6	123.6	128.8	131.5	133.1	136.3	138.5	139.5
60	1	121.6	127.7	133.0	137.6	140.0	141.4	144.2	146.1	146.9
120	2	144.4	148.6	152.2	155.2	156.8	157.7	159.4	160.5	160.9
180	3	155.3	158.3	161.0	163.2	164.2	164.9	166.1	166.9	167.1
240	4	161.7	164.1	166.2	167.9	168.7	169.2	170.1	170.7	170.8
300	5	166.0	168.0	169.7	171.1	171.8	172.2	172.9	173.4	173.5
480	8	173.4	174.8	176.1	177.1	177.6	177.9	178.5	178.8	178.9
600	10	176.1	177.5	178.8	179.8	180.3	180.6	181.2	181.5	181.6
1200	20	182.4	184.9	186.9	188.7	189.6	190.1	191.1	191.8	192.1

## 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	738.0	884.5	1032.3	1173.2	1250.9	1298.6	1399.7	1469.3	1501.9
5	0.08	723.4	825.0	923.3	1014.0	1063.0	1092.8	1155.7	1199.4	1221.4
10	0.17	610.1	673.9	733.9	788.1	816.9	834.3	870.9	896.3	909.5
15	0.25	522.8	568.0	609.9	647.2	667.0	678.8	703.7	720.9	729.9
20	0.33	458.2	492.5	523.9	551.8	566.4	575.2	593.4	606.1	612.7
30	0.50	369.5	391.7	411.9	429.5	438.7	444.2	455.5	463.3	467.3
45	0.75	288.8	302.5	314.8	325.4	330.9	334.1	340.8	345.4	347.6
60	1	238.3	247.8	256.2	263.4	267.0	269.2	273.7	276.6	278.1
120	2	142.5	146.0	149.1	151.6	152.9	153.6	155.1	156.0	156.4
180	3	102.5	104.4	106.0	107.3	107.9	108.3	109.0	109.5	109.6
240	4	80.3	81.5	82.5	83.3	83.7	83.9	84.3	84.6	84.6
300	5	66.1	66.9	67.6	68.2	68.4	68.6	68.9	69.0	69.0
480	8	43.3	43.7	44.1	44.4	44.5	44.6	44.7	44.8	44.8
600	10	35.2	35.6	35.8	36.1	36.2	36.2	36.3	36.4	36.4
1200	20	18.3	18.6	18.7	18.9	19.0	19.0	19.1	19.2	19.2