

# NSB 180FT Red Battery™

Performance table @ 25°C (77°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	448.9	549.8	656.2	763.4	825.6	865.4	956.1	1029.4	1080.2
5	0.08	420.3	491.1	562.0	630.0	668.0	691.8	744.0	783.7	808.6
10	0.17	344.3	388.8	431.9	471.7	493.4	506.7	535.2	556.0	568.1
15	0.25	290.6	322.1	351.9	379.0	393.5	402.3	421.0	434.3	441.5
20	0.33	252.1	275.9	298.1	318.1	328.7	335.1	348.5	357.8	362.8
30	0.50	200.6	216.0	230.0	242.4	248.8	252.7	260.7	266.2	268.9
45	0.75	155.0	164.2	172.6	179.9	183.6	185.9	190.4	193.4	194.8
60	1	126.9	133.2	138.8	143.6	146.0	147.5	150.4	152.3	153.2
120	2	74.6	76.7	78.6	80.2	81.0	81.4	82.3	82.9	83.1
180	3	53.2	54.2	55.1	55.9	56.3	56.5	56.9	57.2	57.2
240	4	41.4	42.0	42.5	43.0	43.2	43.3	43.6	43.7	43.7
300	5	33.9	34.3	34.7	35.0	35.1	35.2	35.3	35.4	35.4
480	8	22.0	22.2	22.4	22.5	22.6	22.6	22.7	22.7	22.7
600	10	17.9	18.0	18.1	18.2	18.3	18.3	18.4	18.4	18.4
1200	20	9.2	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.7

## 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	15.0	18.3	21.9	25.4	27.5	28.8	31.9	34.3	36.0
5	0.08	35.0	40.9	46.8	52.5	55.7	57.6	62.0	65.3	67.4
10	0.17	57.4	64.8	72.0	78.6	82.2	84.4	89.2	92.7	94.7
15	0.25	72.6	80.5	88.0	94.7	98.4	100.6	105.2	108.6	110.4
20	0.33	84.0	92.0	99.4	106.0	109.6	111.7	116.2	119.3	120.9
30	0.50	100.3	108.0	115.0	121.2	124.4	126.4	130.4	133.1	134.5
45	0.75	116.2	123.2	129.5	134.9	137.7	139.4	142.8	145.1	146.1
60	1	126.9	133.2	138.8	143.6	146.0	147.5	150.4	152.3	153.2
120	2	149.2	153.5	157.2	160.4	161.9	162.9	164.7	165.8	166.2
180	3	159.5	162.7	165.4	167.7	168.8	169.4	170.7	171.5	171.7
240	4	165.6	168.1	170.2	171.9	172.8	173.2	174.2	174.8	175.0
300	5	169.6	171.6	173.3	174.8	175.5	175.9	176.6	177.1	177.2
480	8	176.2	177.7	178.9	180.0	180.5	180.8	181.4	181.7	181.8
600	10	178.5	180.0	181.2	182.3	182.8	183.1	183.7	184.0	184.2
1200	20	183.8	186.2	188.3	190.1	191.0	191.5	192.6	193.2	193.6

## 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	819.0	981.5	1145.5	1302.0	1388.1	1441.1	1553.3	1630.4	1666.7
5	0.08	787.6	898.3	1005.3	1104.1	1157.4	1189.8	1258.3	1305.8	1329.8
10	0.17	655.6	724.1	788.6	846.7	877.7	896.4	935.7	963.1	977.3
15	0.25	557.7	605.9	650.5	690.4	711.4	724.1	750.6	768.9	778.5
20	0.33	486.3	522.7	556.1	585.6	601.1	610.4	629.8	643.3	650.3
30	0.50	389.5	413.0	434.2	452.8	462.5	468.3	480.2	488.4	492.7
45	0.75	302.5	316.9	329.8	340.9	346.6	350.0	357.0	361.8	364.1
60	1	248.6	258.4	267.2	274.7	278.5	280.8	285.4	288.5	290.0
120	2	147.2	150.9	154.0	156.6	157.9	158.7	160.2	161.2	161.5
180	3	105.4	107.3	108.9	110.3	110.9	111.3	112.1	112.5	112.6
240	4	82.2	83.4	84.5	85.3	85.7	85.9	86.4	86.6	86.6
300	5	67.5	68.3	69.1	69.6	69.9	70.1	70.4	70.5	70.5
480	8	44.0	44.4	44.8	45.1	45.2	45.3	45.4	45.5	45.5
600	10	35.7	36.1	36.3	36.6	36.7	36.7	36.8	36.9	36.9
1200	20	18.5	18.7	18.9	19.0	19.1	19.2	19.2	19.3	19.3