

# Northstar 170FT Blue+ Battery®



Discharge Tables - 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	704.5	747.0	793.2	843.4	875.6	898.0	957.4	1022.1	1092.6
5	0.08	471.3	509.6	546.6	581.7	601.5	614.1	643.2	668.4	689.1
10	0.17	328.8	356.5	382.2	405.1	417.2	424.5	439.8	450.5	456.3
15	0.25	260.8	282.2	301.6	318.5	327.2	332.2	342.3	348.4	350.3
20	0.33	219.2	236.5	252.1	265.4	272.0	275.9	283.3	287.3	287.7
30	0.50	169.4	181.8	192.8	201.9	206.4	209.0	213.6	215.8	215.3
45	0.75	129.1	137.6	145.0	151.1	154.0	155.6	158.5	159.6	158.9
60	1	105.6	111.9	117.4	121.8	123.9	125.1	127.1	127.8	127.1
120	2	63.2	66.1	68.5	70.4	71.3	71.8	72.6	72.8	72.5
180	3	46.1	47.7	49.1	50.2	50.7	51.0	51.5	51.7	51.5
240	4	36.5	37.6	38.5	39.3	39.6	39.8	40.1	40.2	40.2
300	5	30.4	31.1	31.8	32.3	32.6	32.7	33.0	33.1	33.0
480	8	20.3	20.7	21.0	21.3	21.4	21.5	21.6	21.7	21.7
600	10	16.7	17.0	17.2	17.4	17.5	17.5	17.7	17.7	17.8
1200	20	8.9	9.0	9.1	9.2	9.2	9.3	9.3	9.4	9.4

## 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	23.5	24.9	26.4	28.1	29.2	29.9	31.9	34.1	36.4
5	0.08	39.3	42.5	45.5	48.5	50.1	51.2	53.6	55.7	57.4
10	0.17	54.8	59.4	63.7	67.5	69.5	70.8	73.3	75.1	76.0
15	0.25	65.2	70.5	75.4	79.6	81.8	83.1	85.6	87.1	87.6
20	0.33	73.1	78.8	84.0	88.5	90.7	92.0	94.4	95.8	95.9
30	0.50	84.7	90.9	96.4	101.0	103.2	104.5	106.8	107.9	107.9
45	0.75	96.8	103.2	108.8	113.3	115.5	116.7	118.9	119.7	119.7
60	1	105.6	111.9	117.4	121.8	123.9	125.1	127.1	127.8	127.8
120	2	126.5	132.1	136.9	140.8	142.6	143.5	145.2	145.7	145.7
180	3	138.2	143.1	147.3	150.6	152.2	153.1	154.5	155.0	155.0
240	4	146.0	150.4	154.1	157.0	158.4	159.2	160.5	161.0	161.0
300	5	151.8	155.7	159.0	161.6	162.9	163.6	164.8	165.4	165.4
480	8	162.8	165.7	168.2	170.3	171.3	171.9	173.0	173.7	173.8
600	10	167.4	169.9	172.1	173.9	174.9	175.4	176.5	177.2	177.6
1200	20	178.9	180.7	182.3	183.7	184.5	185.0	186.2	187.1	187.9

## 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	1258.0	1327.9	1400.0	1474.3	1519.8	1550.6	1629.1	1709.4	1791.7
5	0.08	880.2	941.5	999.4	1052.8	1082.2	1100.6	1141.8	1175.5	1201.1
10	0.17	626.7	671.1	711.6	747.0	765.5	776.5	799.2	814.4	821.7
15	0.25	500.7	535.1	565.9	592.2	605.6	613.4	628.7	637.7	640.2
20	0.33	422.4	450.2	474.9	495.7	506.1	512.1	523.5	529.6	530.2
30	0.50	327.5	347.4	364.9	379.3	386.4	390.4	397.8	401.2	401.2
45	0.75	249.8	263.5	275.3	285.0	289.6	292.2	296.8	298.7	298.7
60	1	204.2	214.4	223.2	230.3	233.6	235.5	238.8	240.0	240.0
120	2	121.9	126.5	130.4	133.5	135.0	135.8	137.2	137.6	137.6
180	3	88.5	91.3	93.5	95.4	96.2	96.7	97.5	97.8	97.8
240	4	70.0	71.8	73.4	74.6	75.2	75.5	76.1	76.3	76.3
300	5	58.1	59.5	60.6	61.4	61.9	62.1	62.5	62.7	62.7
480	8	38.9	39.5	40.0	40.5	40.7	40.8	41.1	41.2	41.2
600	10	31.9	32.4	32.8	33.1	33.2	33.3	33.5	33.6	33.7
1200	20	17.1	17.2	17.4	17.5	17.6	17.6	17.7	17.8	17.8