

# Northstar 40FT 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	217.8	246.6	274.8	301.3	315.9	324.9	344.8	359.9	369.6
5	0.08	151.6	164.3	176.2	187.0	192.7	196.3	203.8	209.4	212.9
10	0.17	103.9	109.9	115.3	120.0	122.5	124.0	127.2	129.5	130.9
15	0.25	80.4	84.0	87.2	90.0	91.5	92.4	94.2	95.5	96.2
20	0.33	66.1	68.6	70.7	72.6	73.6	74.2	75.4	76.2	76.7
30	0.50	49.2	50.6	51.9	52.9	53.5	53.8	54.4	54.8	55.0
45	0.75	36.0	36.8	37.4	38.0	38.3	38.5	38.8	39.0	39.1
60	1	28.5	29.0	29.5	29.8	30.0	30.1	30.3	30.5	30.5
120	2	15.9	16.0	16.2	16.3	16.4	16.4	16.5	16.5	16.5
180	3	11.1	11.2	11.3	11.4	11.4	11.4	11.5	11.5	11.5
240	4	8.6	8.6	8.7	8.8	8.8	8.8	8.8	8.8	8.8
300	5	7.0	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2
480	8	4.5	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7
600	10	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9
1200	20	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1

## 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	7.3	8.2	9.2	10.0	10.5	10.8	11.5	12.0	12.3
5	0.08	12.6	13.7	14.7	15.6	16.1	16.4	17.0	17.5	17.7
10	0.17	17.3	18.3	19.2	20.0	20.4	20.7	21.2	21.6	21.8
15	0.25	20.1	21.0	21.8	22.5	22.9	23.1	23.5	23.9	24.1
20	0.33	22.0	22.9	23.6	24.2	24.5	24.7	25.1	25.4	25.6
30	0.50	24.6	25.3	25.9	26.5	26.7	26.9	27.2	27.4	27.5
45	0.75	27.0	27.6	28.1	28.5	28.7	28.8	29.1	29.3	29.3
60	1	28.5	29.0	29.5	29.8	30.0	30.1	30.3	30.5	30.5
120	2	31.7	32.1	32.4	32.7	32.8	32.8	33.0	33.0	33.0
180	3	33.3	33.6	33.9	34.1	34.2	34.3	34.4	34.4	34.4
240	4	34.2	34.6	34.8	35.1	35.2	35.2	35.3	35.4	35.4
300	5	35.0	35.3	35.6	35.8	35.9	36.0	36.1	36.1	36.1
480	8	36.4	36.7	37.1	37.3	37.5	37.5	37.7	37.8	37.8
600	10	37.0	37.4	37.8	38.1	38.2	38.3	38.5	38.6	38.7
1200	20	39.3	39.9	40.4	40.8	41.1	41.2	41.5	41.7	41.9

## 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	407.6	452.1	494.4	533.2	554.2	567.1	594.8	615.1	627.2
5	0.08	287.6	307.8	326.4	342.8	351.5	356.8	367.8	375.7	380.1
10	0.17	199.5	209.2	217.8	225.3	229.2	231.5	236.4	239.7	241.4
15	0.25	155.5	161.4	166.7	171.2	173.5	174.8	177.7	179.5	180.5
20	0.33	128.5	132.6	136.1	139.2	140.8	141.7	143.5	144.8	145.4
30	0.50	96.4	98.7	100.8	102.5	103.4	103.9	104.9	105.5	105.8
45	0.75	70.9	72.2	73.4	74.3	74.8	75.0	75.6	75.9	76.0
60	1	56.5	57.3	58.1	58.7	59.0	59.1	59.5	59.6	59.7
120	2	31.7	32.0	32.2	32.4	32.5	32.6	32.7	32.8	32.8
180	3	22.2	22.4	22.5	22.7	22.7	22.8	22.8	22.9	22.9
240	4	17.2	17.3	17.4	17.5	17.6	17.6	17.6	17.7	17.7
300	5	14.0	14.1	14.2	14.3	14.3	14.4	14.4	14.4	14.4
480	8	9.1	9.2	9.3	9.3	9.4	9.4	9.4	9.4	9.4
600	10	7.4	7.5	7.6	7.6	7.6	7.7	7.7	7.7	7.7
1200	20	3.9	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1