

Northstar 110FT Red Battery™



Discharge Tables - 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	352.9	423.0	495.1	565.9	606.2	631.6	688.4	732.7	761.6
5	0.08	299.4	337.3	373.9	407.9	426.5	437.9	462.7	481.0	492.1
10	0.17	231.2	250.8	269.1	285.5	294.2	299.5	310.7	318.6	323.1
15	0.25	189.6	202.0	213.3	223.2	228.5	231.6	238.1	242.7	245.1
20	0.33	161.6	170.2	178.0	184.7	188.2	190.3	194.7	197.6	199.2
30	0.50	125.9	130.8	135.1	138.8	140.7	141.9	144.2	145.7	146.4
45	0.75	95.5	98.1	100.4	102.3	103.3	103.9	105.0	105.8	106.1
60	1	77.4	79.0	80.4	81.6	82.2	82.5	83.2	83.6	83.8
120	2	44.8	45.2	45.6	45.9	46.1	46.2	46.4	46.5	46.5
180	3	31.7	32.0	32.2	32.4	32.4	32.5	32.6	32.6	32.7
240	4	24.7	24.8	25.0	25.1	25.2	25.2	25.3	25.3	25.4
300	5	20.2	20.4	20.5	20.6	20.7	20.7	20.8	20.8	20.8
480	8	13.2	13.3	13.4	13.5	13.6	13.6	13.7	13.7	13.8
600	10	10.7	10.8	11.0	11.1	11.1	11.2	11.2	11.3	11.3
1200	20	5.6	5.7	5.9	6.0	6.0	6.1	6.1	6.2	6.2

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	11.8	14.1	16.5	18.9	20.2	21.1	22.9	24.4	25.4
5	0.08	24.9	28.1	31.2	34.0	35.5	36.5	38.6	40.1	41.0
10	0.17	38.5	41.8	44.9	47.6	49.0	49.9	51.8	53.1	53.9
15	0.25	47.4	50.5	53.3	55.8	57.1	57.9	59.5	60.7	61.3
20	0.33	53.9	56.7	59.3	61.6	62.7	63.4	64.9	65.9	66.4
30	0.50	62.9	65.4	67.6	69.4	70.4	70.9	72.1	72.9	73.2
45	0.75	71.6	73.6	75.3	76.7	77.5	77.9	78.8	79.3	79.6
60	1	77.4	79.0	80.4	81.6	82.2	82.5	83.2	83.6	83.8
120	2	89.5	90.4	91.2	91.9	92.2	92.4	92.7	92.9	93.0
180	3	95.2	96.0	96.6	97.1	97.3	97.5	97.7	97.9	98.0
240	4	98.7	99.4	100.0	100.5	100.7	100.9	101.2	101.4	101.5
300	5	101.1	101.8	102.5	103.0	103.3	103.5	103.8	104.1	104.2
480	8	105.3	106.5	107.4	108.3	108.7	109.0	109.5	109.9	110.2
600	10	107.1	108.5	109.7	110.8	111.4	111.7	112.4	112.9	113.3
1200	20	111.9	114.8	117.4	119.6	120.8	121.5	122.9	124.0	124.7

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	691.5	801.7	909.4	1009.2	1063.0	1095.7	1163.9	1209.6	1229.8
5	0.08	569.7	630.5	687.6	738.8	765.8	782.0	815.5	837.9	848.1
10	0.17	438.8	471.2	500.8	526.7	540.2	548.2	564.8	575.8	580.9
15	0.25	361.4	382.1	400.7	416.9	425.3	430.2	440.4	447.1	450.3
20	0.33	309.5	324.0	337.0	348.1	353.8	357.2	364.2	368.8	370.9
30	0.50	243.2	251.5	258.8	265.0	268.2	270.0	273.9	276.4	277.6
45	0.75	186.4	190.8	194.6	197.8	199.4	200.3	202.3	203.6	204.2
60	1	152.2	154.8	157.1	159.0	159.9	160.5	161.6	162.4	162.7
120	2	89.5	90.1	90.6	91.0	91.2	91.4	91.6	91.8	91.9
180	3	63.9	64.2	64.4	64.6	64.7	64.7	64.8	64.9	64.9
240	4	49.8	50.0	50.2	50.3	50.4	50.4	50.5	50.5	50.6
300	5	40.9	41.1	41.2	41.3	41.4	41.4	41.5	41.6	41.6
480	8	26.6	26.8	27.0	27.1	27.2	27.3	27.4	27.4	27.5
600	10	21.5	21.8	22.0	22.2	22.3	22.3	22.4	22.5	22.6
1200	20	11.0	11.3	11.6	11.8	11.9	12.0	12.1	12.2	12.3