



E1-220

Blue+ 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	323.6	386.4	450.2	511.9	546.5	568.1	615.3	650.3	670.8
5	0.08	261.1	295.9	329.6	361.0	378.2	388.7	411.4	428.1	437.9
10	0.17	199.4	218.3	236.1	252.2	260.8	266.0	277.2	285.2	289.9
15	0.25	163.8	176.2	187.6	197.8	203.2	206.4	213.3	218.1	220.9
20	0.33	140.1	149.0	157.1	164.2	167.9	170.2	174.9	178.2	180.0
30	0.50	110.1	115.3	120.1	124.2	126.3	127.6	130.2	132.0	132.9
45	0.75	84.4	87.3	89.9	92.2	93.3	94.0	95.3	96.2	96.6
60	1	68.9	70.8	72.5	73.8	74.5	74.9	75.7	76.2	76.4
120	2	40.6	41.2	41.6	42.0	42.2	42.3	42.5	42.6	42.6
180	3	29.0	29.3	29.5	29.7	29.8	29.8	29.9	29.9	29.9
240	4	22.6	22.8	23.0	23.1	23.2	23.2	23.2	23.2	23.2
300	5	18.6	18.7	18.8	18.9	19.0	19.0	19.1	19.1	19.1
480	8	12.1	12.2	12.3	12.4	12.4	12.5	12.5	12.5	12.6
600	10	9.8	9.9	10.0	10.1	10.2	10.2	10.2	10.3	10.3
1200	20	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6

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	10.8	12.9	15.0	17.1	18.2	18.9	20.5	21.7	22.4
5	0.08	21.8	24.7	27.5	30.1	31.5	32.4	34.3	35.7	36.5
10	0.17	33.2	36.4	39.4	42.0	43.5	44.3	46.2	47.5	48.3
15	0.25	40.9	44.0	46.9	49.4	50.8	51.6	53.3	54.5	55.2
20	0.33	46.7	49.7	52.4	54.7	56.0	56.7	58.3	59.4	60.0
30	0.50	55.0	57.7	60.0	62.1	63.1	63.8	65.1	66.0	66.4
45	0.75	63.3	65.5	67.5	69.1	70.0	70.5	71.5	72.1	72.4
60	1	68.9	70.8	72.5	73.8	74.5	74.9	75.7	76.2	76.4
120	2	81.2	82.3	83.3	84.0	84.4	84.6	85.0	85.1	85.1
180	3	87.1	87.9	88.6	89.1	89.4	89.5	89.7	89.8	89.8
240	4	90.5	91.3	91.9	92.4	92.6	92.7	92.9	92.9	92.9
300	5	92.8	93.6	94.2	94.7	94.9	95.1	95.3	95.3	95.3
480	8	96.5	97.5	98.4	99.2	99.5	99.7	100.2	100.4	100.5
600	10	97.7	99.0	100.1	101.1	101.6	101.9	102.5	102.9	103.1
1200	20	99.2	102.0	104.6	106.8	108.0	108.7	110.3	111.5	112.4

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	667.5	742.4	814.8	882.5	920.0	943.3	995.0	1035.7	1063.8
5	0.08	515.5	561.9	605.9	646.2	668.2	681.7	711.4	734.3	749.6
10	0.17	385.3	412.7	438.2	461.1	473.3	480.8	496.9	509.0	516.7
15	0.25	313.7	332.6	349.8	365.1	373.2	378.1	388.5	396.1	400.7
20	0.33	267.1	281.1	293.8	304.9	310.7	314.2	321.5	326.8	329.8
30	0.50	208.8	217.5	225.3	232.1	235.5	237.6	241.8	244.7	246.1
45	0.75	159.6	164.7	169.3	173.1	175.0	176.2	178.4	179.8	180.3
60	1	130.2	133.6	136.6	139.0	140.2	140.9	142.3	143.1	143.2
120	2	76.6	77.7	78.6	79.3	79.7	79.9	80.2	80.2	80.2
180	3	54.8	55.3	55.8	56.1	56.3	56.3	56.4	56.4	56.4
240	4	42.7	43.1	43.4	43.6	43.7	43.7	43.8	43.8	43.8
300	5	35.1	35.3	35.6	35.7	35.8	35.8	35.9	35.9	35.9
480	8	22.8	23.0	23.2	23.3	23.4	23.4	23.5	23.5	23.5
600	10	18.4	18.6	18.8	19.0	19.0	19.1	19.2	19.2	19.3
1200	20	9.3	9.6	9.8	9.9	10.0	10.1	10.2	10.4	10.5

ENERGY1 BATTERIES

3504 Shipwright St.
 Portsmouth, VA 23703
 Ph. 757-673-7200