



E1-480

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	371.2	466.5	569.4	675.0	737.3	777.4	869.6	944.8	997.2
5	0.08	390.9	457.2	524.0	588.2	624.4	647.0	697.2	736.1	761.4
10	0.17	338.3	378.8	417.9	454.0	473.7	485.8	512.0	531.6	543.6
15	0.25	291.7	319.8	346.1	370.1	382.9	390.7	407.5	419.6	426.8
20	0.33	256.1	276.9	296.2	313.5	322.7	328.3	340.0	348.5	353.3
30	0.50	206.3	219.4	231.3	241.7	247.2	250.5	257.4	262.2	264.9
45	0.75	160.6	168.4	175.4	181.4	184.6	186.4	190.3	192.9	194.2
60	1	132.1	137.3	142.0	145.9	148.0	149.2	151.6	153.3	154.1
120	2	78.3	80.1	81.7	83.1	83.7	84.1	84.9	85.4	85.6
180	3	56.2	57.1	57.9	58.6	58.9	59.1	59.5	59.8	59.9
240	4	44.0	44.6	45.1	45.5	45.7	45.8	46.1	46.2	46.3
300	5	36.2	36.6	37.0	37.3	37.4	37.5	37.7	37.8	37.9
480	8	23.9	24.1	24.3	24.5	24.5	24.6	24.7	24.8	24.8
600	10	19.5	19.7	19.9	20.0	20.1	20.1	20.2	20.3	20.3
1200	20	10.5	10.6	10.7	10.8	10.9	10.9	11.0	11.1	11.1

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	12.4	15.5	19.0	22.5	24.6	25.9	29.0	31.5	33.2
5	0.08	32.6	38.1	43.7	49.0	52.0	53.9	58.1	61.3	63.4
10	0.17	56.4	63.1	69.6	75.7	78.9	81.0	85.3	88.6	90.6
15	0.25	72.9	79.9	86.5	92.5	95.7	97.7	101.9	104.9	106.7
20	0.33	85.4	92.3	98.7	104.5	107.6	109.4	113.3	116.2	117.8
30	0.50	103.1	109.7	115.6	120.9	123.6	125.3	128.7	131.1	132.4
45	0.75	120.5	126.3	131.5	136.1	138.4	139.8	142.7	144.7	145.7
60	1	132.1	137.3	142.0	145.9	148.0	149.2	151.6	153.3	154.1
120	2	156.7	160.3	163.5	166.1	167.5	168.2	169.8	170.8	171.3
180	3	168.5	171.3	173.8	175.8	176.8	177.4	178.6	179.4	179.7
240	4	175.8	178.2	180.3	182.0	182.8	183.3	184.3	185.0	185.3
300	5	181.0	183.1	184.9	186.5	187.2	187.7	188.6	189.2	189.5
480	8	191.0	192.8	194.4	195.7	196.4	196.8	197.7	198.3	198.7
600	10	195.4	197.3	198.9	200.2	201.0	201.4	202.3	203.0	203.4
1200	20	210.2	212.7	214.9	216.9	217.9	218.5	220.0	221.1	221.9

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	685.7	852.0	1023.8	1189.9	1281.6	1337.6	1454.3	1529.3	1555.4
5	0.08	751.3	847.2	939.9	1025.8	1072.7	1101.5	1163.6	1209.4	1236.7
10	0.17	659.8	710.5	758.4	802.3	826.3	841.2	874.2	900.5	919.3
15	0.25	571.4	604.2	635.0	663.1	678.5	688.1	709.6	727.2	740.6
20	0.33	502.3	526.0	548.2	568.3	579.4	586.3	601.8	614.6	624.5
30	0.50	404.9	419.9	433.7	446.2	453.0	457.3	466.7	474.5	480.4
45	0.75	315.2	324.8	333.6	341.4	345.5	348.0	353.6	358.0	361.1
60	1	259.1	266.2	272.7	278.3	281.2	283.0	286.7	289.5	291.2
120	2	153.5	157.3	160.5	163.1	164.4	165.1	166.5	167.3	167.4
180	3	110.3	112.8	114.9	116.6	117.4	117.9	118.7	119.0	119.0
240	4	86.5	88.4	89.9	91.2	91.7	92.1	92.6	92.7	92.7
300	5	71.4	72.9	74.1	75.0	75.5	75.7	76.1	76.2	76.2
480	8	47.5	48.2	48.8	49.3	49.5	49.6	49.9	49.9	49.9
600	10	39.2	39.6	40.0	40.3	40.4	40.5	40.7	40.8	40.8
1200	20	21.7	21.5	21.4	21.3	21.3	21.3	21.4	21.5	21.7

