



Discharge Tables - 20°C (68°F)

E1-190

Blue+ Battery



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	349.1	402.3	456.4	509.5	540.1	559.7	605.2	643.9	674.3
5	0.08	276.6	308.4	338.8	366.8	382.0	391.4	411.5	426.4	435.4
10	0.17	203.3	220.8	236.8	251.0	258.4	262.8	271.9	277.9	280.7
15	0.25	162.4	173.6	183.8	192.6	197.1	199.8	205.1	208.4	209.7
20	0.33	135.9	143.9	151.0	157.0	160.1	161.9	165.4	167.6	168.3
30	0.50	103.5	108.1	112.1	115.4	117.1	118.1	120.1	121.2	121.5
45	0.75	77.0	79.4	81.5	83.3	84.2	84.7	85.7	86.3	86.5
60	1	61.6	63.1	64.4	65.4	66.0	66.3	66.9	67.3	67.4
120	2	34.9	35.2	35.5	35.8	35.9	36.0	36.2	36.4	36.5
180	3	24.6	24.7	24.8	25.0	25.0	25.1	25.2	25.3	25.4
240	4	19.1	19.1	19.2	19.3	19.4	19.4	19.5	19.6	19.6
300	5	15.6	15.7	15.8	15.8	15.9	15.9	16.0	16.0	16.1
480	8	10.2	10.3	10.4	10.5	10.5	10.6	10.6	10.7	10.7
600	10	8.4	8.5	8.6	8.7	8.7	8.7	8.8	8.8	8.8
1200	20	4.5	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.0

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	11.6	13.4	15.2	17.0	18.0	18.7	20.2	21.5	22.5
5	0.08	23.0	25.7	28.2	30.6	31.8	32.6	34.3	35.5	36.3
10	0.17	33.9	36.8	39.5	41.8	43.1	43.8	45.3	46.3	46.8
15	0.25	40.6	43.4	45.9	48.1	49.3	49.9	51.3	52.1	52.4
20	0.33	45.3	48.0	50.3	52.3	53.4	54.0	55.1	55.9	56.1
30	0.50	51.7	54.0	56.0	57.7	58.6	59.1	60.0	60.6	60.8
45	0.75	57.7	59.5	61.1	62.5	63.1	63.5	64.3	64.7	64.8
60	1	61.6	63.1	64.4	65.4	66.0	66.3	66.9	67.3	67.4
120	2	69.7	70.4	71.1	71.6	71.9	72.1	72.5	72.8	73.0
180	3	73.7	74.1	74.5	74.9	75.1	75.2	75.6	75.9	76.2
240	4	76.2	76.6	76.9	77.3	77.5	77.6	77.9	78.2	78.5
300	5	78.1	78.5	78.9	79.2	79.4	79.6	79.9	80.2	80.5
480	8	81.8	82.6	83.3	84.0	84.3	84.5	84.9	85.3	85.5
600	10	83.6	84.8	85.8	86.7	87.1	87.4	87.9	88.2	88.4
1200	20	90.0	93.3	96.0	98.2	99.2	99.8	100.7	101.0	101.0

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	585.1	688.2	791.2	889.2	943.4	976.9	1049.2	1101.6	1130.7
5	0.08	511.7	562.6	610.4	653.7	677.0	691.1	721.1	742.8	755.1
10	0.17	392.0	416.5	438.8	458.6	468.9	475.2	488.3	497.7	503.0
15	0.25	317.3	332.4	345.9	357.7	363.8	367.5	375.1	380.5	383.5
20	0.33	267.4	277.8	287.1	295.1	299.3	301.7	306.8	310.3	312.2
30	0.50	204.5	210.6	216.1	220.6	223.0	224.4	227.2	229.0	229.9
45	0.75	152.3	155.9	159.0	161.7	163.0	163.8	165.3	166.2	166.6
60	1	121.8	124.4	126.5	128.3	129.2	129.7	130.7	131.3	131.5
120	2	68.7	69.9	70.8	71.6	72.0	72.2	72.6	72.7	72.7
180	3	48.4	49.1	49.8	50.3	50.5	50.6	50.9	51.0	51.0
240	4	37.6	38.2	38.6	39.0	39.2	39.3	39.4	39.5	39.5
300	5	30.9	31.3	31.7	32.0	32.1	32.2	32.3	32.4	32.4
480	8	20.4	20.7	20.9	21.1	21.2	21.2	21.3	21.4	21.4
600	10	16.8	17.0	17.2	17.3	17.4	17.4	17.5	17.6	17.6
1200	20	9.4	9.4	9.5	9.5	9.5	9.5	9.6	9.6	9.7

ENERGY1 BATTERIES

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