



Discharge Tables - 20°C (68°F)

E1-400 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	634.8	673.2	714.8	760.0	789.0	809.2	862.7	921.0	984.6
5	0.08	432.9	468.0	502.0	534.2	552.4	564.0	590.8	613.9	632.9
10	0.17	306.0	331.8	355.7	377.1	388.3	395.1	409.4	419.3	424.6
15	0.25	244.5	264.6	282.8	298.6	306.7	311.5	321.0	326.7	328.5
20	0.33	206.5	222.9	237.5	250.0	256.3	259.9	266.9	270.7	271.1
30	0.50	160.7	172.5	182.9	191.6	195.8	198.2	202.6	204.7	204.2
45	0.75	123.3	131.4	138.4	144.2	147.0	148.6	151.3	152.3	151.7
60	1	101.2	107.3	112.5	116.8	118.8	119.9	121.8	122.5	121.8
120	2	61.2	64.0	66.3	68.1	69.0	69.5	70.3	70.5	70.2
180	3	44.8	46.4	47.8	48.9	49.4	49.6	50.1	50.3	50.1
240	4	35.6	36.7	37.6	38.3	38.7	38.9	39.2	39.3	39.2
300	5	29.7	30.5	31.1	31.6	31.9	32.0	32.3	32.4	32.3
480	8	20.0	20.4	20.7	20.9	21.1	21.1	21.3	21.4	21.4
600	10	16.5	16.8	17.0	17.2	17.2	17.3	17.4	17.5	17.5
1200	20	8.9	9.0	9.0	9.1	9.2	9.2	9.2	9.3	9.3

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	21.2	22.4	23.8	25.3	26.3	27.0	28.8	30.7	32.8
5	0.08	36.1	39.0	41.8	44.5	46.0	47.0	49.2	51.2	52.7
10	0.17	51.0	55.3	59.3	62.8	64.7	65.9	68.2	69.9	70.8
15	0.25	61.1	66.1	70.7	74.7	76.7	77.9	80.2	81.7	82.1
20	0.33	68.8	74.3	79.2	83.3	85.4	86.6	89.0	90.2	90.4
30	0.50	80.4	86.2	91.4	95.8	97.9	99.1	101.3	102.3	102.3
45	0.75	92.4	98.5	103.8	108.2	110.3	111.4	113.5	114.3	114.3
60	1	101.2	107.3	112.5	116.8	118.8	119.9	121.8	122.5	122.5
120	2	122.4	127.9	132.6	136.3	138.0	139.0	140.5	141.0	141.0
180	3	134.4	139.3	143.4	146.6	148.1	148.9	150.4	150.8	150.8
240	4	142.6	146.9	150.5	153.3	154.7	155.4	156.7	157.2	157.2
300	5	148.6	152.4	155.6	158.2	159.5	160.2	161.4	161.9	161.9
480	8	160.2	163.1	165.5	167.6	168.6	169.2	170.3	170.9	171.1
600	10	165.1	167.6	169.8	171.6	172.5	173.0	174.1	174.8	175.1
1200	20	177.6	179.3	180.9	182.4	183.2	183.7	184.8	185.7	186.5

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	1133.7	1196.6	1261.6	1328.5	1369.6	1397.3	1468.0	1540.4	1614.5
5	0.08	808.5	864.8	917.9	967.0	994.0	1010.9	1048.7	1079.7	1103.1
10	0.17	583.3	624.6	662.3	695.3	712.5	722.7	743.8	758.0	764.7
15	0.25	469.4	501.6	530.5	555.2	567.7	575.0	589.4	597.9	600.2
20	0.33	398.0	424.2	447.5	467.1	476.9	482.5	493.3	499.0	499.6
30	0.50	310.6	329.5	346.1	359.8	366.5	370.3	377.3	380.5	380.5
45	0.75	238.4	251.5	262.8	272.0	276.5	278.9	283.4	285.1	285.1
60	1	195.7	205.5	213.9	220.7	224.0	225.8	228.9	230.1	230.1
120	2	118.0	122.5	126.3	129.3	130.7	131.5	132.8	133.2	133.2
180	3	86.2	88.8	91.0	92.8	93.6	94.1	94.9	95.2	95.2
240	4	68.4	70.2	71.7	72.8	73.4	73.7	74.3	74.5	74.5
300	5	56.9	58.2	59.3	60.2	60.6	60.8	61.2	61.4	61.4
480	8	38.2	38.9	39.4	39.8	40.0	40.2	40.4	40.5	40.5
600	10	31.5	31.9	32.3	32.6	32.8	32.9	33.1	33.2	33.2
1200	20	16.9	17.1	17.2	17.4	17.4	17.5	17.6	17.6	17.7

ENERGY1 BATTERIES

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