

BAE Battery Weights and Volumes

BAE OGI-N6 12V and 6V Block Values								
Type	Length	Width	Height H1	Height H2	Dry Charged Weight	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(lbs)	(gal)
12V 1 OGi 25	10.71	8.07	13.19	15.16	48.68	77.16	37.80	2.75
12V 2 OGi 50	10.71	8.07	13.19	15.16	63.41	90.39	54.30	2.61
12V 3 OGi 75	10.71	8.07	13.19	15.16	80.02	104.72	70.85	2.39
12V 4 OGi 100	10.71	8.07	13.19	15.16	95.46	119.49	87.61	2.32
12V 5 OGi 125	14.96	8.07	13.19	15.16	116.99	154.32	105.23	3.61
12V 6 OGi 150	14.96	8.07	13.19	15.16	130.12	164.68	122.92	3.34
6V 4 OGi 100	10.71	8.07	13.19	15.16	54.07	81.57	43.81	2.66
6V 6 OGi 150	10.71	8.07	13.19	15.16	74.28	101.41	61.45	2.62
6V 7 OGi 175	10.71	8.07	13.19	15.16	80.27	105.82	70.20	2.47
6V 8 OGi 200	10.71	8.07	13.19	15.16	87.31	112.43	78.94	2.43
6V 9 OGi 225	14.96	8.07	13.19	15.16	101.16	139.55	87.65	3.71
6V 10 OGi 250	14.96	8.07	13.19	15.16	110.65	148.37	96.40	3.65
6V 11 OGi 275	14.96	8.07	13.19	15.16	120.38	156.53	105.11	3.49
6V 12 OGi 300	14.96	8.07	13.19	15.16	123.98	159.83	113.85	3.46

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OGi 2V Cell Values								
Type	Length	Width	Height H1	Height H2	Dry Charged Weight	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(lbs)	(gal)
8 OGi 200	4.06	8.11	13.98	15.55	31.74	41.45	27.92	0.94
10 OGi 250	4.88	8.11	13.98	15.55	38.00	49.81	33.82	1.14
12 OGi 300	5.71	8.11	13.98	15.55	43.92	58.34	39.73	1.39
14 OGi 350	5.71	8.11	13.98	15.55	49.30	63.32	45.64	1.35
5 OGi 400	5.71	8.11	25.43	27.44	60.73	90.49	51.46	2.88
6 OGi 480	5.71	8.11	25.43	27.44	68.91	98.23	60.12	2.83
7 OGi 560	5.71	8.11	25.43	27.44	77.00	105.39	68.79	2.74
8 OGi 640	5.71	8.11	25.43	27.44	85.11	113.11	77.47	2.71
9 OGi 720	5.71	8.11	25.43	27.44	93.20	120.45	86.12	2.63
10 OGi 800	8.27	7.52	25.43	27.44	112.27	149.27	99.23	3.58
11 OGi 880	8.27	7.52	25.43	27.44	120.31	156.93	107.83	3.54
12 OGi 960	8.27	7.52	25.43	27.44	128.38	164.26	116.48	3.47
13 OGi 1040	8.27	9.17	25.43	27.44	138.24	184.19	125.16	4.44
14 OGi 1120	8.27	9.17	25.43	27.44	146.73	192.28	133.81	4.40
15 OGi 1200	8.27	9.17	25.43	27.44	154.82	199.62	142.49	4.33
16 OGi 1280	8.27	10.83	25.43	27.44	165.56	220.44	151.15	5.30
17 OGi 1360	8.27	10.83	25.43	27.44	173.65	228.14	159.82	5.27
18 OGi 1440	8.27	10.83	25.43	27.44	181.74	235.48	168.48	5.19
19 OGi 1520	8.27	14.17	24.49	26.34	195.61	269.02	178.81	7.09
20 OGi 1600	8.27	14.17	24.49	26.34	203.57	276.06	187.35	7.01
21 OGi 1680	8.27	14.17	24.49	26.34	211.42	283.62	195.99	6.98
22 OGi 1760	8.27	14.17	24.49	26.34	219.73	291.09	204.64	6.90
23 OGi 1840	8.27	14.17	24.49	26.34	228.16	298.27	213.32	6.78
24 OGi 1920	8.27	14.17	24.49	26.34	235.71	305.77	221.98	6.77
25 OGi 2000	8.27	17.32	24.49	26.34	248.75	339.70	230.65	8.79
26 OGi 2080	8.27	17.32	24.49	26.34	256.84	347.18	239.31	8.73
27 OGi 2160	8.27	17.32	24.49	26.34	265.02	354.59	247.99	8.66
28 OGi 2240	8.27	17.32	24.49	26.34	273.18	361.79	256.64	8.56
29 OGi 2320	8.27	17.32	24.49	26.34	281.38	369.55	265.32	8.52
30 OGi 2400	8.27	17.32	24.49	26.34	289.44	376.87	273.97	8.45

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OPzS 12V and 6V Block Values								
Type	Length	Width	Height H1	Height H2	Dry Charged Weight	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(lbs)	(gal)
12V 1 OPzS 50	10.71	8.07	13.19	15.16	65.64	90.39	55.05	2.39
12V 2 OPzS 100	10.71	8.07	13.19	15.16	82.05	105.82	77.05	2.30
12V 3 OPzS 150	14.96	8.07	13.19	15.16	117.01	153.00	107.43	3.48
6V 3 OPzS 150	10.71	8.07	13.19	15.16	62.86	92.59	53.72	2.87
6V 4 OPzS 200	10.71	8.07	13.19	15.16	75.86	102.51	68.97	2.58
6V 5 OPzS 250	14.96	8.07	13.19	15.16	91.21	133.16	84.22	4.05
6V 6 OPzS 300	14.96	8.07	13.19	15.16	104.21	143.08	99.47	3.76

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OPzS 2V Cell Values							
Type	Dry Charged Weight	Filled Charged Weight	Lead Mass	Electrolyte Weight	Acid Weight - Pure H ₂ SO ₄	Acid Volume - Pure H ₂ SO ₄	Electrolyte Volume
	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(gal)	(gal)
2 OPzS 100	20.13	31.87	15.45	11.74	3.75	0.36	1.13
3 OPzS 150	24.80	36.21	20.40	11.41	3.64	0.35	1.10
4 OPzS 200	28.23	39.61	24.21	11.38	3.63	0.35	1.10
5 OPzS 250	33.71	47.81	29.31	14.10	4.50	0.43	1.36
6 OPzS 300	39.86	56.65	34.39	16.78	5.35	0.52	1.62
5 OPzS 350	43.98	63.51	38.18	19.52	6.23	0.60	1.89
6 OPzS 420	51.73	74.97	44.97	23.24	7.41	0.72	2.25
7 OPzS 490	59.15	86.13	51.75	26.98	8.61	0.83	2.61
6 OPzS 600	72.76	104.39	63.24	31.63	10.09	0.98	3.06
7 OPzS 700	92.81	135.58	77.62	42.77	13.64	1.32	4.13
8 OPzS 800	102.77	144.16	87.23	41.39	13.20	1.28	4.00
9 OPzS 900	113.32	166.23	96.85	52.91	16.88	1.63	5.11
10 OPzS 1000	123.47	175.03	106.52	51.56	16.45	1.59	4.98
11 OPzS 1100	134.48	197.53	116.15	63.05	20.11	1.94	6.09
12 OPzS 1200	144.12	205.93	125.80	61.80	19.71	1.91	5.97
11 OPzS 1375	160.27	233.47	136.42	73.19	23.35	2.26	7.07
12 OPzS 1500	170.69	243.31	147.99	72.62	23.17	2.24	7.02
13 OPzS 1625	200.18	303.79	163.09	103.62	33.05	3.19	10.01
14 OPzS 1750	210.10	313.94	174.11	103.84	33.12	3.20	10.03
15 OPzS 1875	220.90	323.86	185.31	102.95	32.84	3.17	9.95
16 OPzS 2000	232.26	334.22	197.02	101.96	32.52	3.14	9.85
17 OPzS 2125	259.48	386.03	214.82	126.54	40.37	3.90	12.23
18 OPzS 2250	268.74	394.84	225.83	126.10	40.23	3.89	12.19
19 OPzS 2375	279.54	404.76	237.01	125.22	39.95	3.86	12.10
20 OPzS 2500	290.80	414.98	248.65	124.18	39.61	3.83	12.00
22 OPzS 2750	320.53	471.67	271.35	151.13	48.21	4.66	14.60
24 OPzS 3000	342.20	491.71	293.83	149.51	47.69	4.61	14.45
26 OPzS 3250	363.83	511.38	316.31	147.56	47.07	4.55	14.26

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OPzV 12V and 6V Block Values							
Type	Length	Width	Height H1	Height H2	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(gal)
12V 1 OPzV 50	10.71	8.07	13.19	15.16	89.42	59.07	2.41
12V 2 OPzV 100	10.71	8.07	13.19	15.16	109.82	80.87	2.62
12V 3 OPzV 150	14.96	8.07	13.19	15.16	166.45	117.15	3.68
6V 3 OPzV 150	10.71	8.07	13.19	15.16	96.50	57.93	2.82
6V 4 OPzV 200	10.71	8.07	13.19	15.16	112.41	77.19	2.64
6V 5 OPzV 250	14.96	8.07	13.19	15.16	145.63	95.28	3.88
6V 6 OPzV 300	14.96	8.07	13.19	15.16	161.55	113.90	3.71
2V 12 OPzV 600	8.07	10.71	13.19	15.16	112.15	77.58	2.67
2V 15 OPzV 750	8.07	14.96	13.19	15.16	145.58	95.68	3.88
2V 18 OPzV 900	8.07	14.96	13.19	15.16	161.49	114.30	3.71

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OPzV 2V Cell Values							
Type	Length	Width	Height H1	Height H2	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(gal)
2 OPzV 100	4.06	8.11	13.98	15.95	27.39	17.21	0.57
3 OPzV 150	4.06	8.11	13.98	15.95	37.61	23.24	0.96
4 OPzV 200	4.06	8.11	13.98	15.95	42.67	29.16	0.94
5 OPzV 250	4.88	8.11	13.98	15.95	51.38	35.21	1.17
6 OPzV 300	5.71	8.11	13.98	15.95	60.37	41.26	1.40
5 OPzV 350	4.88	8.11	18.54	20.47	69.28	47.66	1.64
6 OPzV 420	5.71	8.11	18.54	20.47	81.44	56.01	1.96
7 OPzV 490	6.54	8.11	18.54	20.47	93.50	64.36	2.28
6 OPzV 600	5.71	8.11	25.43	27.44	112.40	78.60	2.69
7 OPzV 700	8.27	7.52	25.43	27.44	136.38	93.53	3.18
8 OPzV 800	8.27	7.52	25.43	27.44	151.63	105.17	3.56
9 OPzV 900	8.27	9.17	25.43	27.44	169.74	116.96	4.06
10 OPzV 1000	8.27	9.17	25.43	27.44	185.01	128.64	4.44
11 OPzV 1100	8.27	10.83	24.43	27.44	203.37	140.54	4.94
12 OPzV 1200	8.27	10.83	24.43	27.44	218.62	152.11	5.32
11 OPzV 1375	8.27	10.83	31.34	33.27	238.64	160.69	5.74
12 OPzV 1500	8.27	10.83	31.34	33.27	256.84	174.47	6.18
13 OPzV 1625	8.43	15.71	30.39	32.36	289.76	190.98	6.94
14 OPzV 1750	8.43	15.71	30.39	32.36	311.38	204.32	7.70
15 OPzV 1875	8.43	15.71	30.39	32.36	325.97	217.81	7.90
16 OPzV 2000	8.43	15.71	30.39	32.36	344.26	231.69	8.33
17 OPzV 2125	8.35	19.17	30.39	32.36	382.65	254.29	9.10
18 OPzV 2250	8.35	19.17	30.39	32.36	399.98	267.59	9.53
19 OPzV 2375	8.35	19.17	30.39	32.36	417.93	281.08	9.97
20 OPzV 2500	8.35	19.17	30.39	32.36	436.17	294.92	10.40
22 OPzV 2750	8.35	22.68	30.39	32.36	453.44	322.20	11.77
24 OPzV 3000	8.35	22.68	30.39	32.36	489.48	349.27	12.64
26 OPzV 3250	8.35	22.68	30.39	32.36	518.30	376.34	12.94

Acid Gravity: 1.24 kg/l @ 68°F

BAE Battery Weights and Volumes

BAE OGiV 12V and 6V Block Values							
Type	Length	Width	Height H1	Height H2	Filled Charged Weight	Lead Mass	Electrolyte Volume
	(in)	(in)	(in)	(in)	(lbs)	(lbs)	(gal)
12V 1 OGiV 25	10.71	8.07	13.19	15.16	73.83	34.57	3.05
12V 2 OGiV 50	10.71	8.07	13.19	15.16	89.99	54.14	2.81
12V 3 OGiV 75	10.71	8.07	13.19	15.16	105.72	73.70	2.70
12V 4 OGiV 100	10.71	8.07	13.19	15.16	121.33	93.32	2.60
12V 5 OGiV 125	14.96	8.07	13.19	15.16	165.35	113.07	3.82
12V 6 OGiV 150	14.96	8.07	13.19	15.16	181.70	132.83	3.71
6V 4 OGiV 100	10.71	8.07	13.19	15.16	88.65	47.90	3.05
6V 6 OGiV 150	10.71	8.07	13.19	15.16	105.27	68.50	2.88
6V 7 OGiV 175	10.71	8.07	13.19	15.16	113.68	76.77	2.80
6V 8 OGiV 200	10.71	8.07	13.19	15.16	122.06	86.68	2.69
6V 9 OGiV 225	14.96	8.07	13.19	15.16	149.13	96.60	4.09
6V 10 OGiV 250	14.96	8.07	13.19	15.16	158.09	106.53	4.08
6V 11 OGiV 275	14.96	8.07	13.19	15.16	166.26	116.45	3.91
6V 12 OGiV 300	14.96	8.07	13.19	15.16	174.54	126.36	3.81
2V 24 OGiV 600	8.07	10.71	13.19	15.16	122.28	87.08	2.69
2V 30 OGiV 750	8.07	14.96	13.19	15.16	157.99	106.93	4.08
2V 36 OGiV 900	8.07	14.96	13.19	15.16	174.45	126.76	3.81

Acid Gravity: 1.24 kg/l @ 68°F