

BAE Battery Weights and Volumes

BAE OGi 12V and 6V Block 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)
12V 1 OGi 25	48.7	77.2	37.8	28.5	9.3	0.61	2.75
12V 2 OGi 50	63.4	90.4	54.3	27.0	8.8	0.58	2.61
12V 3 OGi 75	80.0	104.7	70.9	24.7	8.1	0.53	2.39
12V 4 OGi 100	95.5	119.5	87.6	24.0	7.8	0.51	2.32
12V 5 OGi 125	117.0	154.3	105.2	37.4	12.2	0.80	3.61
12V 6 OGi 150	130.1	164.7	122.9	34.6	11.3	0.74	3.34
6V 4 OGi 100	54.1	81.6	43.8	27.5	9.0	0.59	2.66
6V 6 OGi 150	74.3	101.4	61.5	27.1	8.8	0.58	2.62
6V 7 OGi 175	80.3	105.8	70.2	25.6	8.3	0.55	2.47
6V 8 OGi 200	87.3	112.4	78.9	25.2	8.2	0.54	2.43
6V 9 OGi 225	101.2	139.6	87.7	38.4	12.5	0.82	3.71
6V 10 OGi 250	110.7	148.4	96.4	37.8	12.3	0.81	3.65
6V 11 OGi 275	120.4	156.5	105.1	36.1	11.8	0.77	3.49
6V 12 OGi 300	124.0	159.8	113.9	35.8	11.7	0.77	3.46

Acid Gravity: 1.24 kg/l @ 68°F

Data subject to change

BAE Battery Weights and Volumes

BAE OGi 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)
8 OGi 200	31.7	41.4	27.9	9.7	3.2	0.21	0.94
10 OGi 250	38.0	49.8	33.8	11.8	3.9	0.25	1.14
12 OGi 300	43.9	58.3	39.7	14.4	4.7	0.31	1.39
14 OGi 350	49.3	63.3	45.6	14.0	4.6	0.30	1.35
5 OGi 400	60.7	90.5	51.5	29.8	9.8	0.64	2.88
6 OGi 480	68.9	98.2	60.1	29.3	9.6	0.63	2.83
7 OGi 560	77.0	105.4	68.8	28.4	9.3	0.61	2.74
8 OGi 640	85.1	113.1	77.5	28.0	9.2	0.61	2.71
9 OGi 720	93.2	120.4	86.1	27.2	9.0	0.59	2.63
10 OGi 800	112.3	149.3	99.2	37.1	12.2	0.80	3.58
11 OGi 880	120.3	156.9	107.8	36.6	12.1	0.79	3.54
12 OGi 960	128.4	164.3	116.5	35.9	11.8	0.78	3.47
13 OGi 1040	138.2	184.2	125.2	46.0	15.1	0.99	4.44
14 OGi 1120	146.7	192.3	133.8	45.5	15.0	0.98	4.40
15 OGi 1200	154.8	199.6	142.5	44.8	14.7	0.97	4.33
16 OGi 1280	165.6	220.4	151.2	54.9	18.0	1.18	5.30
17 OGi 1360	173.6	228.1	159.8	54.5	17.9	1.18	5.27
18 OGi 1440	181.7	235.5	168.5	53.7	17.7	1.16	5.19
19 OGi 1520	195.6	269.2	178.8	73.4	24.1	1.58	7.09
20 OGi 1600	203.6	276.6	187.4	72.6	23.9	1.57	7.01
21 OGi 1680	211.4	283.6	196.0	72.2	23.8	1.56	6.98
22 OGi 1760	219.7	291.1	204.6	71.4	23.5	1.54	6.90
23 OGi 1840	228.2	298.3	213.3	70.2	23.1	1.51	6.78
24 OGi 1920	235.7	305.8	222.0	70.1	23.1	1.51	6.77
25 OGi 2000	248.8	339.7	230.6	91.0	29.9	1.96	8.79
26 OGi 2080	256.8	347.2	239.3	90.4	29.7	1.95	8.73
27 OGi 2160	265.0	354.6	248.0	89.6	29.5	1.93	8.66
28 OGi 2240	273.2	361.8	256.6	88.6	29.1	1.91	8.56
29 OGi 2320	281.4	369.6	265.3	88.2	29.0	1.90	8.52
30 OGi 2400	289.4	376.9	274.0	87.5	28.8	1.89	8.45

Acid Gravity: 1.24 kg/l @ 68°F

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BAE Battery Weights and Volumes

BAE OPzS 12V and 6V Block 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)
12V 1 OPzS 50	65.6	90.4	55.1	24.7	8.1	0.53	2.39
12V 2 OPzS 100	82.1	105.8	77.1	23.8	7.8	0.51	2.30
12V 3 OPzS 150	117.0	153.0	107.4	36.0	11.7	0.77	3.48
6V 3 OPzS 150	62.9	92.6	53.7	29.7	9.7	0.64	2.87
6V 4 OPzS 200	75.9	102.5	69.0	26.7	8.7	0.57	2.58
6V 5 OPzS 250	91.2	133.2	84.2	41.9	13.7	0.90	4.05
6V 6 OPzS 300	104.2	143.1	99.5	38.9	12.7	0.83	3.76

Acid Gravity: 1.24 kg/l @ 68°F

Data subject to change

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	20.1	31.9	15.5	11.7	3.8	0.25	1.13
3 OPzS 150	24.8	36.2	20.4	11.5	3.7	0.25	1.11
4 OPzS 200	28.2	39.6	24.2	11.4	3.7	0.24	1.10
5 OPzS 250	33.7	47.8	29.3	14.1	4.6	0.30	1.36
6 OPzS 300	39.9	56.7	34.4	16.8	5.5	0.36	1.62
5 OPzS 350	44.0	63.5	38.2	19.6	6.4	0.42	1.89
6 OPzS 420	51.7	75.0	45.0	23.3	7.6	0.50	2.25
7 OPzS 490	59.2	86.1	51.8	27.0	8.8	0.58	2.61
6 OPzS 600	72.8	104.4	63.2	31.7	10.3	0.68	3.06
7 OPzS 700	92.8	135.6	77.6	42.7	13.9	0.91	4.13
8 OPzS 800	102.8	144.2	87.2	41.4	13.5	0.89	4.00
9 OPzS 900	113.3	166.2	96.9	52.9	17.2	1.13	5.11
10 OPzS 1000	123.5	175.0	106.5	51.5	16.8	1.10	4.98
11 OPzS 1100	134.5	197.5	116.2	63.0	20.5	1.35	6.09
12 OPzS 1200	144.1	205.9	125.8	61.8	20.1	1.32	5.97
11 OPzS 1375	160.3	233.5	136.4	73.2	23.9	1.57	7.07
12 OPzS 1500	170.7	243.3	148.0	72.7	23.7	1.55	7.02
13 OPzS 1625	200.2	303.8	163.1	103.6	33.8	2.22	10.01
14 OPzS 1750	210.1	313.9	174.1	103.8	33.8	2.22	10.03
15 OPzS 1875	220.9	323.9	185.3	103.0	33.6	2.20	9.95
16 OPzS 2000	232.3	334.2	197.0	101.9	33.2	2.18	9.85
17 OPzS 2125	259.5	386.0	214.8	126.6	41.3	2.71	12.23
18 OPzS 2250	268.7	394.8	225.8	126.2	41.1	2.70	12.19
19 OPzS 2375	279.5	404.8	237.0	125.2	40.8	2.68	12.10
20 OPzS 2500	290.8	415.0	248.7	124.2	40.5	2.66	12.00
22 OPzS 2750	320.5	471.7	271.4	151.1	49.3	3.23	14.60
24 OPzS 3000	342.2	491.7	293.8	149.6	48.8	3.20	14.45
26 OPzS 3250	363.8	511.4	316.3	147.6	48.1	3.16	14.26

Acid Gravity: 1.24 kg/l @ 68°F

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BAE Battery Weights and Volumes

BAE OPzV 12V and 6V Block Values						
Type	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)	(gal)	(gal)
12V 1 OPzV 50	89.4	59.1	24.9	8.1	0.53	2.41
12V 2 OPzV 100	109.8	80.9	27.1	8.8	0.58	2.62
12V 3 OPzV 150	166.5	117.2	38.1	12.4	0.81	3.68
6V 3 OPzV 150	96.5	57.9	29.2	9.5	0.62	2.82
6V 4 OPzV 200	112.4	77.2	27.3	8.9	0.58	2.64
6V 5 OPzV 250	145.6	95.3	40.2	13.1	0.86	3.88
6V 6 OPzV 300	161.6	113.9	38.4	12.5	0.82	3.71
2V 12 OPzV 600	112.2	77.6	27.6	9.0	0.59	2.67
2V 15 OPzV 750	145.6	95.7	40.2	13.1	0.86	3.88
2V 18 OPzV 900	161.5	114.3	38.4	12.5	0.82	3.71

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BAE Battery Weights and Volumes

BAE OPzV 2V Cell Values						
Type	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)	(gal)	(gal)
2 OPzV 100	27.4	17.2	5.9	1.9	0.13	0.57
3 OPzV 150	37.6	23.2	9.9	3.2	0.21	0.96
4 OPzV 200	42.7	29.2	9.7	3.2	0.21	0.94
5 OPzV 250	51.4	35.2	12.1	3.9	0.26	1.17
6 OPzV 300	60.4	41.3	14.5	4.7	0.31	1.40
5 OPzV 350	69.3	47.7	17.0	5.5	0.36	1.64
6 OPzV 420	81.4	56.0	20.3	6.6	0.43	1.96
7 OPzV 490	93.5	64.4	23.6	7.7	0.50	2.28
6 OPzV 600	112.4	78.6	27.8	9.1	0.60	2.69
7 OPzV 700	136.4	93.5	32.9	10.7	0.70	3.18
8 OPzV 800	151.6	105.2	36.8	12.0	0.79	3.56
9 OPzV 900	169.7	117.0	42.0	13.7	0.90	4.06
10 OPzV 1000	185.0	128.6	46.0	15.0	0.98	4.44
11 OPzV 1100	203.4	140.5	51.1	16.7	1.09	4.94
12 OPzV 1200	218.6	152.1	55.1	18.0	1.18	5.32
11 OPzV 1375	238.6	160.7	59.4	19.4	1.27	5.74
12 OPzV 1500	256.8	174.5	64.0	20.9	1.37	6.18
13 OPzV 1625	289.8	191.0	71.8	23.4	1.54	6.94
14 OPzV 1750	311.4	204.3	79.7	26.0	1.70	7.70
15 OPzV 1875	326.0	217.8	81.8	26.7	1.75	7.90
16 OPzV 2000	344.3	231.7	86.2	28.1	1.84	8.33
17 OPzV 2125	382.7	254.3	94.2	30.7	2.01	9.10
18 OPzV 2250	400.0	267.6	98.6	32.2	2.11	9.53
19 OPzV 2375	417.9	281.1	103.2	33.6	2.21	9.97
20 OPzV 2500	436.2	294.9	107.6	35.1	2.30	10.4
22 OPzV 2750	453.4	322.2	121.8	39.7	2.61	11.8
24 OPzV 3000	489.5	349.3	130.8	42.6	2.80	12.6
26 OPzV 3250	518.3	376.3	133.9	43.7	2.86	12.9

Acid Gravity: 1.24 kg/l @ 68°F

Data subject to change

BAE Battery Weights and Volumes

BAE OGiV 12V and 6V Block Values						
Type	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)	(gal)	(gal)
12V 1 OGiV 25	73.8	34.6	31.6	10.3	0.68	3.05
12V 2 OGiV 50	90.0	54.1	29.1	9.5	0.62	2.81
12V 3 OGiV 75	105.7	73.7	27.9	9.1	0.60	2.70
12V 4 OGiV 100	121.3	93.3	26.9	8.8	0.58	2.60
12V 5 OGiV 125	165.4	113.1	39.5	12.9	0.85	3.82
12V 6 OGiV 150	181.7	132.8	38.4	12.5	0.82	3.71
6V 4 OGiV 100	88.7	47.9	31.6	10.3	0.68	3.05
6V 6 OGiV 150	105.3	68.5	29.8	9.7	0.64	2.88
6V 7 OGiV 175	113.7	76.8	29.0	9.4	0.62	2.80
6V 8 OGiV 200	122.1	86.7	27.8	9.1	0.60	2.69
6V 9 OGiV 225	149.1	96.6	42.3	13.8	0.91	4.09
6V 10 OGiV 250	158.1	106.5	42.2	13.8	0.90	4.08
6V 11 OGiV 275	166.3	116.5	40.5	13.2	0.87	3.91
6V 12 OGiV 300	174.5	126.4	39.4	12.9	0.84	3.81
2V 24 OGiV 600	122.3	87.1	27.8	9.1	0.60	2.69
2V 30 OGiV 750	158.0	106.9	42.2	13.8	0.90	4.08
2V 36 OGiV 900	174.5	126.8	39.4	12.9	0.84	3.81

Acid Gravity: 1.24 kg/l @ 68°F

Data subject to change