



ELECTRIC POWER srl

energia de care ai nevoie

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OPzV

Valve Regulated Lead-Acid STANDBY POWER BATTERIES

SPECIFICATION

ADVANTAGES

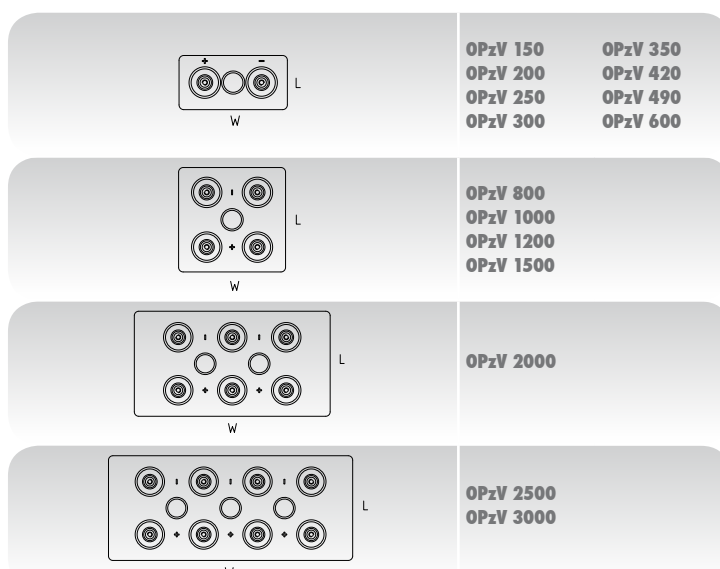
- ✓ 18 years Design Life
- ✓ Up to 1500 deep discharge cycles
- ✓ 99%+ gas recombination efficiency
- ✓ Maximum charging efficiency
- ✓ Improved safety against accidental contacts
- ✓ Easy installation: vertical or horizontal

MAIN APPLICATIONS

- ✓ Power plants
- ✓ Substations
- ✓ Energy storage
- ✓ Wind and Solar power generation
- ✓ Telecommunications
- ✓ Emergency power
- ✓ Railways

STANDARD REF.

- ✓ EUROBAT GUIDE
- ✓ EN 60896-21
- ✓ EN 60896-22
- ✓ DIN43539-T5
- ✓ EN 61427
- ✓ EN 50272-2



Type	Nominal Voltage V	Actual Capacity		Ri mOhm	Isc kA	Dimensions (mm)			Weight Kg	No. of Terminals
		Ah/10Hrs	Ah/120Hrs			Length	Width	Overall Height		
OPzV 150	2	150	197	1,434	1,498	103	206	385	15,0	2
OPzV 200	2	200	262	1,076	1,997	103	206	385	18,0	2
OPzV 250	2	250	328	0,860	2,497	124	206	385	22,0	2
OPzV 300	2	300	392	0,717	2,996	145	206	385	25,5	2
OPzV 350	2	350	458	0,739	3,050	124	206	504	28,0	2
OPzV 420	2	420	550	0,616	3,659	145	206	504	33,5	2
OPzV 490	2	490	641	0,528	4,269	166	206	504	37,5	2
OPzV 600	2	600	785	0,463	4,604	145	206	679	46,5	2
OPzV 800	2	800	1046	0,348	6,139	210	191	679	62,0	4
OPzV 1000	2	1000	1308	0,278	7,674	210	233	679	77,5	4
OPzV 1200	2	1200	1572	0,232	9,209	210	275	679	91,5	4
OPzV 1500	2	1500	1920	0,185	11,511	210	340	677	112,5	4
OPzV 2000	2	2000	2628	0,167	12,657	212	399	804	153,0	6
OPzV 2500	2	2500	3240	0,134	15,821	212	487	804	194,0	8
OPzV 3000	2	3000	3936	0,111	18,986	212	576	804	230,0	8

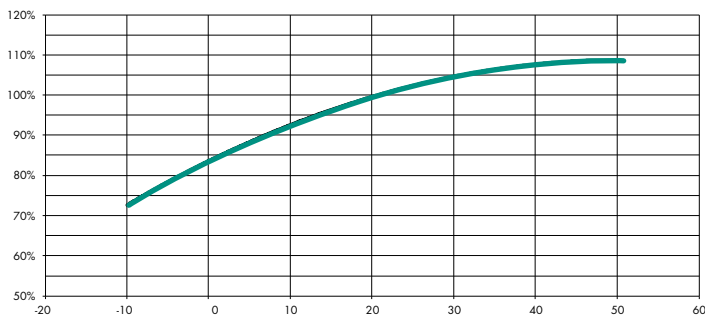
SPECIFICATION

√ Positive plates	Tubular plate with lead-tin-calcium grid alloy
√ Negative plates	Flat pasted plate with lead-calcium grid alloy (radial design)
√ Separators	Microporous PVC-SiO ₂ separators
√ Cell container	High-strength opaque ABS (option: available in Flame Retardant UL94 V0 version)
√ Cell lid	High-strength opaque ABS (option: available in Flame Retardant UL94 V0 version)
√ Electrolyte	GEL: SiO ₂ gelled sulfuric acid
√ Terminal posts	Robust design with M10 threaded insert
√ Posts sealing	Double sealing on HQ post finishing
√ Valve	One way valve with integrated flame arrestor
√ Plate suspension	Bottom supported
√ Inter-cell connectors	Fully insulated copper
√ Terminal hardware	Fully insulated steel
√ Terminal adaptor	Solid plated copper plates

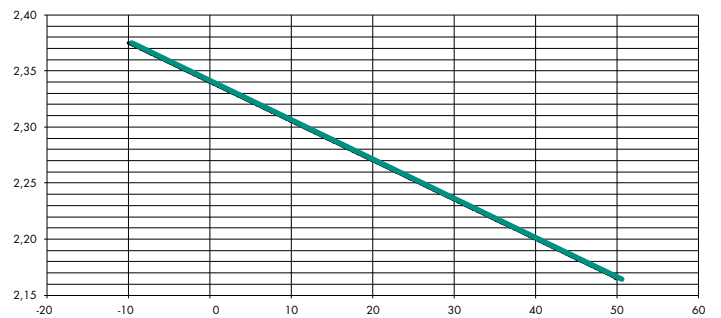
OPERATION PARAMETERS

√ Float Charge Voltage	2.23 to 2.27 Vpc
√ Max Float Current (A)	0.20 C10
√ Boost Voltage (Vpc)	2.33 to 2.37 Vpc
√ Max Boost Current (A)	0.15 C10
√ Operating Temperature	-10°C to +60°C
√ Self Discharge	< 3% /month at 20°C
√ Torque setting	18 to 22 Nm (bolts on connections)

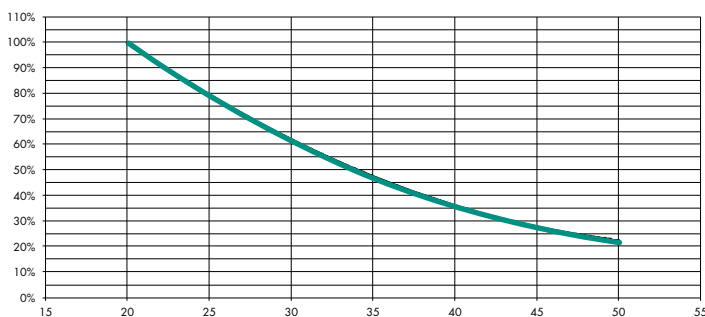
PERFORMANCE Capacity vs Temperature (°C)



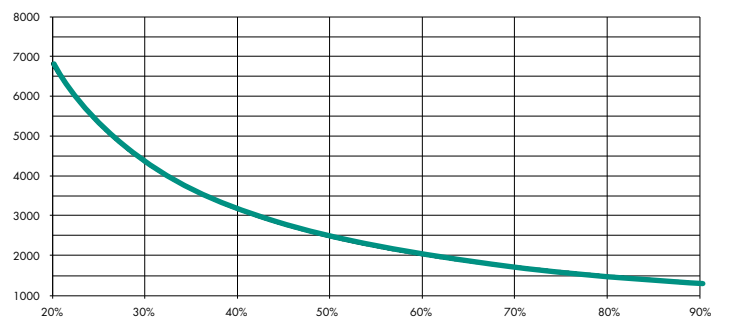
TEMPERATURE COMPENSATION Float Voltage vs Temperature (°C)



THERMAL DEGRADATION Lifetime vs Temperature (°C)



LIFECYCLES No. of Cycles vs D.o.D. (% C10)



DISCHARGE CURRENT (A) to 1.60 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	450,0	236,0	216,0	189,0	165,0	141,0	92,0	59,3	46,7	32,2	26,1	20,5	18,3	9,05	7,43	3,96	2,78	1,95	1,65	0,85
OPzV 200	600,0	328,0	295,0	252,0	220,0	189,0	121,0	79,8	60,8	42,3	33,9	27,8	24,6	12,80	9,92	5,20	3,65	2,58	2,18	1,12
OPzV 250	740,0	406,0	356,0	312,0	264,0	229,0	158,0	99,7	79,5	53,4	43,2	35,6	31,5	15,60	12,60	6,70	4,60	3,25	2,77	1,43
OPzV 300	900,0	479,0	436,0	397,0	330,0	283,0	190,0	126,0	97,5	66,9	54,3	41,3	36,4	18,80	15,10	7,90	5,23	3,90	3,21	1,72
OPzV 350	1050,0	563,0	501,0	439,0	372,0	318,0	214,0	147,0	109,0	74,5	60,5	48,7	43,2	21,80	17,50	9,21	6,59	4,57	3,88	1,99
OPzV 420	1200,0	687,0	596,0	525,0	470,0	382,0	259,0	172,0	136,0	92,5	73,8	58,5	52,9	25,60	20,90	11,20	7,40	5,56	4,63	2,42
OPzV 490	1400,0	791,0	701,0	611,0	546,0	454,0	313,0	196,0	157,0	105,4	87,0	68,9	61,3	31,90	25,40	12,90	8,90	6,40	5,42	2,79
OPzV 600	1650,0	967,0	865,0	765,0	665,0	549,0	364,0	238,0	189,0	131,0	104,0	83,7	73,3	36,30	29,80	15,90	10,90	7,85	6,66	3,42
OPzV 800	2300,0	1348,0	1157,0	1021,0	890,0	732,0	485,0	324,0	253,0	175,0	142,0	108,0	97,3	48,60	39,80	21,10	15,10	10,50	8,81	4,52
OPzV 1000	2600,0	1684,9	1446,3	1276,3	1112,5	915,0	606,3	405,5	316,5	219,3	176,7	135,5	121,1	60,83	49,78	26,38	18,88	13,15	11,01	5,65
OPzV 1200	3053,0	1934,0	1730,0	1530,0	1330,0	1098,0	728,0	476,0	376,9	260,9	208,0	167,4	146,8	72,60	59,60	31,80	23,82	15,72	13,34	6,84
OPzV 1500	3500,0	2054,6	1837,9	1626,2	1413,3	1166,4	910,5	595,5	472,0	326,4	260,0	209,5	183,5	91,50	74,50	39,75	28,76	19,27	16,29	8,14
OPzV 2000	4500,0	2739,8	2450,8	2167,5	1884,7	1555,5	1213,3	793,7	628,9	434,9	347,0	279,0	244,3	121,67	99,67	53,00	39,56	26,27	22,30	11,40
OPzV 2500	5500,0	3420,8	3054,2	2709,9	2356,2	1944,6	1517,2	991,8	785,9	543,3	434,0	348,5	305,2	151,84	124,84	66,25	47,74	32,45	27,50	14,25
OPzV 3000	6500,0	4110,3	3676,8	3251,3	2826,5	2333,8	1820,0	1190,0	942,9	652,9	520,0	419,0	367,0	182,00	149,00	79,50	58,34	39,35	33,40	17,10

DISCHARGE CURRENT (A) to 1.65 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	419,0	227,0	203,0	177,0	154,0	131,0	86,0	56,7	44,2	30,4	24,5	19,9	17,5	9,00	7,40	3,90	2,74	1,94	1,64	0,84
OPzV 200	546,0	302,0	270,0	236,0	205,0	174,0	115,0	75,6	58,9	40,5	32,7	26,5	23,3	12,00	9,87	5,20	3,65	2,58	2,18	1,12
OPzV 250	670,0	378,0	338,0	295,0	256,0	218,0	144,0	94,5	73,6	50,6	40,8	33,1	29,1	15,00	12,30	6,50	4,53	3,23	2,73	1,40
OPzV 300	825,0	453,0	405,0	354,0	308,0	261,0	173,0	113,0	88,3	60,8	49,0	39,8	34,9	18,00	14,80	7,80	5,20	3,87	3,27	1,68
OPzV 350	924,0	529,0	473,0	413,0	359,0	305,0	201,0	132,0	103,0	70,9	57,1	46,4	40,8	21,10	17,30	9,10	6,50	4,52	3,82	1,96
OPzV 420	1089,0	634,0	567,0	496,0	431,0	365,0	242,0	159,0	124,0	85,1	68,6	55,7	48,9	25,30	20,70	10,90	7,10	5,42	4,58	2,35
OPzV 490	1312,0	740,0	662,0	578,0	502,0	426,0	282,0	185,0	144,0	99,2	80,0	64,9	57,1	29,50	24,20	12,70	8,70	6,32	5,34	2,74
OPzV 600	1520,0	906,0	810,0	708,0	615,0	522,0	345,0	227,0	177,0	122,0	98,0	79,5	69,9	36,10	29,60	15,60	10,80	7,74	6,54	3,36
OPzV 800	2026,7	1208,0	1080,0	944,0	820,0	696,0	460,0	302,0	235,0	162,0	131,0	106,0	93,2	48,10	39,50	20,80	14,80	10,30	8,72	4,48
OPzV 1000	2430,0	1510,0	1350,0	1180,0	1025,0	870,0	575,0	378,0	294,0	203,0	163,0	133,0	116,0	60,20	49,40	26,00	18,50	12,90	10,90	5,60
OPzV 1200	2860,0	1812,0	1620,0	1416,0	1230,0	1044,0	690,0	454,0	353,0	243,0	196,0	159,0	140,0	72,20	59,20	31,20	23,60	15,50	13,10	6,72
OPzV 1500	3280,0	1925,0	1721,0	1505,0	1307,0	1109,0	863,0	568,0	442,0	304,0	245,0	199,0	175,0	91,00	74,00	39,00	28,50	19,00	16,00	8,00
OPzV 2000	4210,0	2567,0	2295,0	2006,0	1743,0	1479,0	1150,0	757,0	589,0	405,0	327,0	265,0	233,0	121,00	99,00	52,00	39,20	25,90	21,90	11,20
OPzV 2500	5150,0	3205,0	2860,0	2508,0	2179,0	1849,0	1438,0	946,0	736,0	506,0	409,0	331,0	291,0	151,00	124,00	65,00	47,30	32,00	27,00	14,00
OPzV 3000	6090,0	3851,0	3443,0	3009,0	2614,0	2219,0	1725,0	1135,0	883,0	608,0	490,0	398,0	350,0	181,00	148,00	78,00	57,80	38,80	32,80	16,80

DISCHARGE CURRENT (A) to 1.70 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	379,0	212,0	190,0	164,0	143,0	127,0	83,0	53,3	41,9	28,8	23,3	19,1	16,6	9,00	7,40	3,90	2,74	1,94	1,64	0,84
OPzV 200	521,0	283,0	253,0	219,0	190,0	169,0	110,0	71,0	55,8	38,4	31,1	25,5	22,1	12,00	9,87	5,20	3,65	2,58	2,18	1,12
OPzV 250	612,0	354,0	316,0	274,0	238,0	211,0	138,0	88,8	69,7	48,0	38,9	31,8	27,6	15,00	12,30	6,50	4,53	3,23	2,73	1,40
OPzV 300	765,0	425,0	380,0	329,0	285,0	254,0	165,0	107,0	83,6	57,5	46,6	38,2	33,1	18,00	14,80	7,80	5,20	3,87	3,27	1,68
OPzV 350	839,0	495,0	443,0	383,0	333,0	296,0	193,0	124,0	97,6	67,1	54,4	44,6	38,6	21,10	17,30	9,10	6,50	4,52	3,82	1,96
OPzV 420	949,0	594,0	531,0	460,0	399,0	355,0	231,0	149,0	117,0	80,6	65,3	53,5	46,3	25,30	20,70	10,90	7,10	5,42	4,58	2,35
OPzV 490	1237,0	693,0	620,0	537,0	466,0	414,0	270,0	174,0	137,0	94,0	76,2	62,4	54,0	29,50	24,20	12,70	8,70	6,32	5,34	2,74
OPzV 600	1431,0	849,0	759,0	657,0	570,0	507,0	330,0	213,0	167,0	115,0	93,3	76,4	66,2	36,10	29,60	15,60	10,80	7,74	6,54	3,36
OPzV 800	1908,0	1132,0	1012,0	876,0	760,0	676,0	440,0	284,0	223,0	153,0	124,0	102,0	88,2	48,10	39,50	20,80	14,80	10,30	8,72	4,48
OPzV 1000	2295,0	1415,0	1265,0	1095,0	950,0	845,0	550,0	355,0	279,0	192,0	155,0	127,0	110,0	60,20	49,40	26,00	18,50	12,90	10,90	5,60
OPzV 1200	2678,0	1698,0	1518,0	1314,0	1140,0	1014,0	660,0	426,0	335,0	230,0	187,0	153,0	132,0	72,20	59,20	31,20	23,60	15,50	13,10	6,72
OPzV 1500	3090,0	1804,0	1613,0	1396,0	1211,0	1078,0	825,0	533,0	419,0	287,0	234,0	191,0	165,0	91,00	74,00	39,00	28,50	19,00	16,00	8,00
OPzV 2000	3970,0	2405,0	2151,0	1861,0	1615,0	1437,0	1100,0	710,0	559,0	383,0	312,0	255,0	220,0	121,00	99,00	52,00	39,20	25,90	21,90	11,20
OPzV 2500	4855,0	3006,0	2689,0	2326,0	2019,0	1796,0	1375,0	888,0	699,0	479,0	390,0	319,0	275,0	151,00	124,00	65,00	47,30	32,00	27,00	14,00
OPzV 3000	5740,0	3608,0	3226,0	2792,0	2423,0	2155,0	1650,0	1065,0	838,0	575,0	468,0	383,0	330,0	181,00	148,00	78,00	57,80	38,80	32,80	16,80

DISCHARGE CURRENT (A) to 1.75 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	365,0	203,0	182,0	161,0	138,0	120,0	79,0	50,4	39,6	27,2	22,2	18,4	15,8	8,55	7,40	3,90	2,74	1,94	1,64	0,84
OPzV 200	487,0	270,0	242,0	214,0	184,0	160,0	105,0	67,2	52,8	36,3	29,6	24,5	21,0	11,40	9,87	5,20	3,65	2,58	2,18	1,12
OPzV 250	568,0	338,0	303,0	268,0	230,0	200,0	131,0	84,0	66,0	45,4	37,0	30,6	26,3	14,30	12,30	6,50	4,53	3,23	2,73	1,40
OPzV 300	702,0	405,0	363,0	321,0	276,0	240,0	158,0	101,0	79,2	54,5	44,4	36,7	31,5	17,10	14,80	7,80	5,20	3,87	3,27	1,68
OPzV 350	768,0	473,0	424,0	375,0	322,0	280,0	184,0	118,0	92,4	63,6	51,8	42,8	36,8	20,00	17,30	9,10	6,50	4,52	3,82	1,96
OPzV 420	857,0	567,0	508,0	449,0	386,0	336,0	221,0	141,0	111,0	76,3	62,2	51,4	44,1	23,90	20,70	10,90	7,10	5,42	4,58	2,35
OPzV 490	1129,0	662,0	593,0	524,0	451,0	392,0	257,0	165,0	129,0	89,0	72,5	59,9	51,5	27,90	24,20	12,70	8,70	6,32	5,34	2,74
OPzV 600	1317,0	810,0	726,0	642,0	552,0	480,0	315,0	202,0	158,0	109,0	88,8	73,4	63,0	34,20	29,60	15,60	10,80	7,74	6,54	3,36
OPzV 800	1756,0	1080,0	968,0	856,0	736,0	640,0	420,0	269,0	211,0	145,0	118,0	97,8	84,0	45,60	39,50	20,80	14,80	10,30	8,72	4,48
OPzV 1000	2095,0	1350,0	1210,0	1070,0	920,0	800,0	525,0	336,0	264,0	182,0	148,0	122,0	105,0	57,00	49,40	26,00	18,50	12,90	10,90	5,60
OPzV 1200	2452,0	1620,0	1452,0	1284,0	1104,0	960,0	630,0	403,0	317,0	218,0	178,0	147,0	126,0	68,40	59,20	31,20	23,60	15,50	13,10	6,72
OPzV 1500	2820,0	1721,0	1543,0	1364,0	1173,0	1020,0	788,0	504,0	397,0	272,0	223,0	184,0	158,0	86,00	74,00	39,00	28,50	19,00	16,00	8,00
OPzV 2000	2612,0	2295,0	2057,0	1819,0	1564,0	1360,0	1050,0	672,0	529,0	363,0	297,0	245,0	210,0	114,00	99,00	52,00	39,20	25,90	21,90	11,20
OPzV 2500	4435,0	2869,0	2571,0	2274,0	1955,0	1700,0	1313,0	840,0	661,0	454,0	371,0	306,0	263,0	143,00	124,00	65,00	47,30	32,00	27,00	14,00
OPzV 3000	5240,0	3443,0	3086,0	2729,0	2346,0	2040,0	1575,0	1008,0	793,0	545,0	445,0	368,0	315,0	171,00	148,00	78,00	57,80	38,80	32,80	16,80

DISCHARGE CURRENT (A) to 1.80 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	328,0	191,0	173,0	152,0	128,0	116,0	75,0	47,7	37,5	25,5	21,2	17,6	15,0	8,10	7,40	3,90	2,74	1,94	1,64	0,84
OPzV 200	435,0	255,0	230,0	203,0	170,0	154,0	100,0	63,6	50,0	34,0	28,2	23,5	20,0	10,80	9,87	5,20	3,65	2,58	2,18	1,12
OPzV 250	524,0	319,0	288,0	254,0	213,0	180,0	125,0	79,5	62,5	42,5	35,3	29,4	25,0	13,50	12,30	6,50	4,53	3,23	2,73	1,40
OPzV 300	656,0	383,0	345,0	305,0	255,0	231,0	150,0	95,4	75,0	51,0	42,3	35,3	30,0	16,20	14,80	7,80	5,20	3,87	3,27	1,68
OPzV 350	687,0	446,0	403,0	355,0	298,0	270,0	175,0	111,0	87,5	59,5	49,4	41,1	35,0	18,90	17,30	9,10	6,50	4,52	3,82	1,96
OPzV 420	772,0	536,0	483,0	426,0	357,0	323,0	210,0	134,0	105,0	71,4	59,2	49,4	42,0	22,70	20,70	10,90	7,10	5,42	4,58	2,35
OPzV 490	1035,0	625,0	564,0	497,0	417,0	377,0	245,0	156,0	123,0	83,3	69,1	57,6	49,0	26,50	24,20	12,70	8,70	6,32	5,34	2,74
OPzV 600	1239,0	765,0	690,0	609,0	510,0	462,0	300,0	191,0	150,0	102,0	84,6	70,5	60,0	32,40	29,60	15,60	10,80	7,74	6,54	3,36
OPzV 800	1652,0	1020,0	920,0	812,0	680,0	616,0	400,0	254,0	200,0	136,0	113,0	94,0	80,0	43,20	39,50	20,80	14,80	10,30	8,72	4,48
OPzV 1000	1920,0	1275,0	1150,0	1015,0	850,0	770,0	500,0	318,0	250,0	170,0	141,0	118,0	100,0	54,00	49,40	26,00	18,50	12,90	10,90	5,60
OPzV 1200	2253,0	1530,0	1380,0	1218,0	1020,0	924,0	600,0	382,0	300,0	204,0	169,0	141,0	120,0	64,80	59,20	31,20	23,60	15,50	13,10	6,72
OPzV 1500	2585,0	1625,0	1466,0	1294,0	1084,0	982,0	750,0	478,0	375,0	255,0	212,0	176,0	150,0	81,00	74,00	39,00	28,50	19,00	16,00	8,00
OPzV 2000	3289,0	2167,0	1955,0	1725,0	1445,0	1309,0	1000,0	637,0	500,0	340,0	282,0	235,0	200,0	108,00	99,00	52,00	39,20	25,90	21,90	11,20
OPzV 2500	4065,0	2709,0	2444,0	2156,0	1806,0	1636,0	1250,0	796,0	625,0	425,0	353,0	294,0	250,0	135,00	124,00	65,00	47,30	32,00	27,00	14,00
OPzV 3000	4805,0	3251,0	2933,0	2588,0	2168,0	1964,0	1500,0	955,0	750,0	510,0	423,0	353,0	300,0	162,00	148,00	78,00	57,80	38,80	32,80	16,80

DISCHARGE CURRENT (A) to 1.85 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	283,0	180,0	163,0	144,0	120,0	109,0	71,0	45,2	35,5	24,5	20,2	16,7	14,2	7,65	7,40	3,90	2,74	1,94	1,64	0,84
OPzV 200	405,0	240,0	217,0	192,0	160,0	145,0	95,0	60,2	47,3	32,6	26,9	22,3	18,9	10,20	9,40	5,20	3,65	2,58	2,18	1,12
OPzV 250	485,0	300,0	271,0	240,0	200,0	165,0	119,0	75,3	59,2	40,8	33,6	27,8	23,6	12,80	11,80	6,50	4,53	3,23	2,73	1,40
OPzV 300	589,0	360,0	326,0	288,0	240,0	218,0	143,0	90,3	71,0	48,9	40,3	33,4	28,4	15,30	14,10	7,80	5,20	3,87	3,27	1,68
OPzV 350	612,0	420,0	380,0	336,0	280,0	254,0	166,0	105,0	82,8	57,1	47,0	38,9	33,1	17,90	16,50	9,10	6,50	4,52	3,82	1,96
OPzV 420	687,0	504,0	456,0	403,0	336,0	305,0	200,0	126,0	99,4	68,5	56,4	46,7	39,7	21,40	19,70	10,90	7,10	5,42	4,58	2,35
OPzV 490	987,0	588,0	532,0	470,0	392,0	355,0	233,0	148,0	116,0	79,9	65,8	54,5	46,3	25,00	23,00	12,70	8,70	6,32	5,34	2,74
OPzV 600	1149,0	720,0	651,0	576,0	480,0	435,0	285,0	181,0	142,0	97,8	80,6	66,8	56,7	30,60	28,20	15,60	10,80	7,74	6,54	3,36
OPzV 800	1532,0	960,0	868,0	768,0	640,0	580,0	380,0	241,0	189,0	130,0	107,0	89,0	75,6	40,80	37,60	20,80	14,80	10,30	8,72	4,48
OPzV 1000	1833,0	1200,0	1085,0	960,0	800,0	725,0	475,0	301,0	237,0	163,0	134,0	111,0	94,5	51,00	47,00	26,00	18,50	12,90	10,90	5,60
OPzV 1200	2150,0	1440,0	1302,0	1152,0	960,0	870,0	570,0	361,0	284,0	196,0	161,0	134,0	113,0	61,20	56,40	31,20	23,60	15,50	13,10	6,72
OPzV 1500	2465,0	1530,0	1384,0	1224,0	1020,0	925,0	713,0	452,0	355,0	245,0	202,0	167,0	142,0	77,00	71,00	39,00	28,50	19,00	16,00	8,00
OPzV 2000	3170,0	2040,0	1845,0	1632,0	1360,0	1233,0	950,0	602,0	473,0	327,0	269,0	223,0	189,0	102,00	94,00	52,00	39,20	25,90	21,90	11,20
OPzV 2500	3873,0	2550,0	2306,0	2040,0	1700,0	1541,0	1188,0	753,0	591,0	409,0	336,0	279,0	236,0	128,00	118,00	65,00	47,30	32,00	27,00	14,00
OPzV 3000	4580,0	3060,0	2767,0	2448,0	2040,0	1849,0	1425,0	903,0	710,0	490,0	403,0	335,0	283,0	153,00	141,00	78,00	57,80	38,80	32,80	16,80

DISCHARGE CURRENT (A) to 1.90 V_{pc} at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	238,0	165,0	149,0	132,0	112,0	102,0	67,0	43,2	33,2	23,1	19,1	15,8	13,3	7,22	7,36	3,87	2,71	1,92	1,61	0,84
OPzV 200	378,0	228,0	204,0	180,0	149,0	137,0	89,0	56,9	44,1	29,8	24,5	21,1	17,3	9,70	9,03	5,12	3,60	2,51	2,13	1,08
OPzV 250	439,0	284,0	256,0	228,0	187,0	152,0	110,0	66,4	55,2	37,5	31,2	24,9	21,8	12,30	11,40	6,20	4,31	3,01	2,47	1,36
OPzV 300	523,0	332,0	305,0	267,0	223,0	204,0	132,0	84,3	64,0	45,1	37,9	31,5	25,7	14,60	13,40	7,69	5,05	3,67	3,12	1,60
OPzV 350	548,0	398,0	358,0	315,0	266,0	239,0	153,0	96,0	78,2	51,5	44,8	36,5	31,3	16,50	15,70	8,90	6,30	4,48	3,75	1,87
OPzV 420	603,0	461,0	413,0	373,0	315,0	279,0	186,0	115,0	93,1	65,3	52,7	42,6	36,2	19,60	19,10	10,40	6,90	5,26	4,25	2,18
OPzV 490	942,0	537,0	501,0	442,0	363,0	330,0	213,0	132,0	101,0	73,5	61,2	50,2	41,5	23,80	22,50	12,40	8,30	6,05	5,06	2,48
OPzV 600	1026,0	684,0	613,0	533,0	452,0	401,0	259,0	168,0	134,0	92,5	76,5	62,3	51,8	28,70	27,60	15,30	10,50	7,35	6,26	3,18
OPzV 800	1368,0	890,0	817,3	710,7	602,7	534,7	345,3	223,7	178,4	123,0	101,6	83,0	69,1	38,27	36,80	20,40	14,39	9,78	8,35	4,24
OPzV 1000	1749,4	1071,5	1030,8	904,0	740,3	682,7	437,9	273,5	220,0	153,8	126,7	105,4	88,1	46,59	44,08	25,45	18,14	12,54	10,35	5,36
OPzV 1200	2054,2	1368,0	1226,0	1066,0	904,0	802,0	518,0	335,1	268,0	185,4	152,8	125,0	103,2	57,40	55,20	30,60	22,94	14,72	12,54	6,36
OPzV 1500	2355,0	1453,5	1303,2	1132,6	960,5	852,7	648,0	419,5	335,0	231,7	191,7	155,8	129,7	72,22	69,49	38,25	27,71	18,04	15,31	7,57
OPzV 2000	3027,9	1938,0	1737,3	1510,2	1280,7	1136,6	863,3	558,8	446,4	309,3	255,3	208,0	172,7	95,67	92,00	51,00	38,11	24,59	20,96	10,60
OPzV 2500	3700,7	2422,5	2171,4	1887,7	1600,8	1420,6	1079,6	698,9	557,7	386,8	318,9	260,2	215,6	120,05	115,49	63,75	45,99	30,39	25,84	13,25
OPzV 3000	4373,6	2907,0	2605,5	2265,3	1921,0	1704,5	1295,0	838,1	670,0	463,4	382,5	312,4	258,5	143,50	138,00	76,50	56,19	36,84	31,40	15,90

DISCHARGE CURRENT (A) to 1.95 V_{pc} at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	201,0	142,0	134,0	120,0	107,0	97,2	63,0	41,1	31,5	22,0	17,9	14,5	12,4	6,97	7,32	3,82	2,68	1,89	1,57	0,83
OPzV 200	354,0	215,0	193,0	169,0	140,0	129,0	83,0	52,6	41,5	26,7	22,3	19,5	15,8	9,10	8,80	5,02	3,48	2,47	2,05	1,02
OPzV 250	401,0	263,0	240,0	213,0	175,0	140,0	98,5	59,7	49,5	33,1	27,2	22,5	19,1	11,50	10,80	5,90	4,00	2,89	2,04	1,23
OPzV 300	465,0	305,0	281,0	245,0	209,0	189,0	119,0	76,9	55,0	41,7	34,2	29,4	22,1	13,30	12,70	7,46	4,98	3,50	3,03	1,53
OPzV 350	489,0	366,0	332,0	289,0	245,0	219,0	145,0	91,5	74,6	47,9	41,5	33,9	28,9	15,10	14,90	8,50	6,15	4,31	3,67	1,80
OPzV 420	526,0	420,0	383,0	337,0	289,0	251,0	165,0	104,0	86,5	62,1	47,6	38,9	32,9	17,80	18,70	10,10	6,50	5,05	4,02	2,01
OPzV 490	857,0	489,0	465,0	410,0	328,0	298,0	201,0	119,0	92,0	68,1	57,2	46,2	37,8	22,70	21,90	12,10	8,00	5,97	4,97	2,27
OPzV 600	921,0	635,0	579,0	489,0	425,0	376,0	238,0	146,0	120,0	86,1	71,2	58,4	48,4	26,30	27,10	15,10	10,20	7,12	6,10	3,04
OPzV 800	1177,7	812,0	772,0	652,0	566,7	501,3	317,3	194,4	159,7	114,4	94,5	77,8	64,5	35,07	36,13	20,13	13,98	9,47	8,13	4,05
OPzV 1000	1591,6	961,9	956,9	853,8	679,2	641,9	410,6	251,4	191,2	137,7	118,0	98,1	82,6	43,53	40,40	24,99	17,91	12,18	10,03	5,22
OPzV 1200	1868,9	1270,0	1158,0	978,0	850,0	752,0	476,0	291,2	240,0	172,6	142,2	117,1	96,5	52,60	54,20	30,20	22,29	14,26	12,22	6,08
OPzV 1500	2142,5	1349,4	1230,9	1039,1	903,1	799,5	595,4	364,6	300,0	215,7	178,4	146,0	121,2	66,18	68,23	37,75	26,92	17,48	14,92	7,24
OPzV 2000	2754,6	1799,2	1640,9	1385,5	1204,2	1065,8	793,3	485,6	399,7	287,9	237,6	195,0	161,3	87,67	90,33	50,33	37,02	23,83	20,43	10,13
OPzV 2500	3366,8	2249,0	2051,0	1731,9	1505,2	1332,0	992,1	607,4	499,4	360,1	296,8	243,9	201,5	110,01	113,40	62,92	44,67	29,44	25,18	12,67
OPzV 3000	3978,9	2698,8	2461,0	2078,3	1806,3	1598,2	1190,0	728,4	600,0	431,4	356,0	292,9	241,6	131,50	135,50	75,50	54,59	35,69	30,59	15,20

DISCHARGE POWER (W) to 1.60 Vpc at 20 °C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	499,7	460,8	414,0	379,6	353,3	289,6	180,6	131,3	91,2	58,4	56,6	47,0	35,0	16,96	15,15	10,19	7,40	5,32	4,66	2,42
OPzV 200	665,3	613,7	551,2	506,4	470,4	385,8	241,1	174,7	120,9	77,8	75,4	62,7	46,7	22,58	20,20	13,52	9,83	7,06	6,21	3,22
OPzV 250	820,2	767,6	688,5	633,3	588,5	482,0	301,7	218,2	151,6	97,3	94,4	78,4	58,5	28,20	25,26	16,95	11,65	8,83	7,76	4,04
OPzV 300	1013,3	920,5	826,9	760,2	705,6	579,3	362,2	261,6	181,3	116,4	113,7	94,0	70,2	33,92	30,31	20,28	14,49	10,65	9,33	4,84
OPzV 350	1165,0	1074,4	964,1	886,0	823,7	675,5	421,7	305,0	212,0	135,8	132,3	109,3	81,8	39,54	35,36	23,71	17,02	12,39	10,89	5,65
OPzV 420	1374,0	1288,7	1156,5	1064,0	987,8	810,8	506,9	366,0	254,0	163,4	158,1	131,1	98,1	47,47	42,43	28,36	20,57	14,84	13,04	6,77
OPzV 490	1617,0	1504,0	1350,0	1241,0	1153,0	945,0	591,0	427,0	296,0	191,0	185,0	153,0	114,0	55,30	49,50	33,10	22,80	17,30	15,20	7,90
OPzV 600	1967,0	1842,1	1652,6	1519,3	1411,2	1157,5	723,4	523,2	362,6	233,9	226,3	188,4	139,9	67,75	60,61	40,57	29,40	21,19	18,69	9,67
OPzV 800	2627,1	2455,7	2203,9	2025,7	1881,6	1543,3	964,5	696,8	483,4	311,5	301,8	250,8	186,5	90,33	80,82	54,09	39,63	28,25	24,85	12,92
OPzV 1000	3202,2	3012,3	2755,1	2533,2	2351,9	1929,1	1205,6	871,6	604,3	389,1	377,2	313,3	234,2	113,41	101,02	67,61	49,36	35,32	31,12	16,12
OPzV 1200	3981,0	3614,6	3305,3	3039,6	2822,3	2314,9	1446,7	1045,3	725,1	466,8	452,7	375,7	280,9	135,49	121,22	81,14	58,59	42,38	37,28	19,32
OPzV 1500	4348,1	4066,8	3718,2	3420,2	3175,7	2604,6	1808,9	1306,8	906,4	584,2	566,4	470,4	351,3	169,61	151,53	101,92	73,54	53,23	46,22	24,03
OPzV 2000	5977,8	5422,4	4957,9	4559,9	4233,5	3472,4	2411,2	1742,1	1208,6	778,3	754,5	626,6	468,4	225,82	202,04	135,23	97,93	70,63	62,14	32,24
OPzV 2500	7557,7	6778,0	6197,7	5699,6	5292,4	4340,2	3014,5	2177,4	1510,7	973,4	943,6	783,7	585,5	282,02	252,55	169,54	123,41	88,04	78,05	40,05
OPzV 3000	8967,8	8133,7	7437,4	6839,3	6350,3	5209,1	3616,8	2613,7	1812,9	1167,4	1131,7	939,3	702,1	338,73	303,06	202,84	147,49	105,95	93,25	48,36

DISCHARGE POWER (W) to 1.65 Vpc at 20 °C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	471,0	428,0	383,0	371,0	323,0	274,0	176,0	127,0	89,0	57,2	54,8	45,2	33,8	16,90	15,00	10,10	7,30	5,20	4,54	2,42
OPzV 200	627,0	570,0	510,0	495,0	430,0	365,0	235,0	169,0	118,0	76,2	73,0	60,2	45,1	22,50	20,00	13,40	9,70	6,90	6,05	3,22
OPzV 250	773,0	713,0	637,0	619,0	538,0	456,0	294,0	211,0	148,0	95,3	91,3	75,3	56,4	28,10	25,00	16,80	11,50	8,63	7,56	4,03
OPzV 300	955,0	855,0	765,0	743,0	645,0	548,0	353,0	253,0	177,0	114,0	110,0	90,3	67,7	33,80	30,00	20,10	14,30	10,40	9,08	4,83
OPzV 350	1098,0	998,0	892,0	866,0	753,0	639,0	411,0	295,0	207,0	133,0	128,0	105,0	78,9	39,40	35,00	23,50	16,80	12,10	10,60	5,64
OPzV 420	1295,0	1197,0	1070,0	1040,0	903,0	767,0	494,0	354,0	248,0	160,0	153,0	126,0	94,7	47,30	42,00	28,10		14,50	12,70	6,76
OPzV 490	1524,0	1397,0	1249,0	1213,0	1054,0	894,0	576,0	413,0	289,0	187,0	179,0	147,0	110,0	55,10	49,00	32,80	22,50	16,90	14,80	7,89
OPzV 600	1872,0	1711,0	1529,0	1485,0	1290,0	1095,0	705,0	506,0	354,0	229,0	219,0	181,0	135,0	67,50	60,00	40,20	29,30	20,70	18,20	9,66
OPzV 800	2476,0	2281,0	2039,0	1980,0	1720,0	1460,0	940,0	674,0	472,0	305,0	292,0	241,0	180,0	90,00	80,00	53,60	39,50	27,60	24,20	12,90
OPzV 1000	3018,0	2851,0	2549,0	2476,0	2150,0	1825,0	1175,0	843,0	590,0	381,0	365,0	301,0	226,0	113,00	100,00	67,00	49,20	34,50	30,30	16,10
OPzV 1200	3752,0	3421,0	3058,0	2971,0	2580,0	2190,0	1410,0	1011,0	708,0	457,0	438,0	361,0	271,0	135,00	120,00	80,40	58,40	41,40	36,30	19,30
OPzV 1500	4098,0	3849,0	3440,0	3343,0	2903,0	2464,0	1763,0	1264,0	885,0	572,0	548,0	452,0	339,0	169,00	150,00	101,00	73,30	52,00	45,00	24,00
OPzV 2000	5634,0	5132,0	4587,0	4457,0	3870,0	3285,0	2350,0	1685,0	1180,0	762,0	730,0	602,0	452,0	225,00	200,00	134,00	97,60	69,00	60,50	32,20
OPzV 2500	7123,0	6415,0	5734,0	5571,0	4838,0	4106,0	2938,0	2106,0	1475,0	953,0	913,0	753,0	565,0	281,00	250,00	168,00	123,00	86,00	76,00	40,00
OPzV 3000	8452,0	7698,0	6881,0	6685,0	5805,0	4928,0	3525,0	2528,0	1770,0	1143,0	1095,0	902,5	677,5	337,50	300,00	201,00	147,00	103,50	90,80	48,30

DISCHARGE POWER (W) to 1.70 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	423,0	388,0	347,0	334,0	290,0	257,0	171,0	124,0	86,0	56,3	53,0	43,5	32,7	16,90	15,00	10,10	7,30	5,20	4,54	2,42
OPzV 200	563,0	517,0	462,0	445,0	386,0	343,0	228,0	165,0	114,0	75,1	70,7	58,0	43,6	22,50	20,00	13,40	9,70	6,90	6,05	3,22
OPzV 250	702,0	646,0	578,0	556,0	482,0	429,0	285,0	206,0	143,0	93,9	88,4	72,5	54,5	28,10	25,00	16,80	11,50	8,63	7,56	4,03
OPzV 300	843,0	775,0	693,0	667,0	578,0	515,0	342,0	248,0	171,0	113,0	106,0	87,0	65,4	33,80	30,00	20,10	14,30	10,40	9,08	4,83
OPzV 350	991,0	905,0	809,0	778,0	675,0	600,0	399,0	289,0	200,0	131,0	124,0	102,0	76,3	39,40	35,00	23,50	16,80	12,10	10,60	5,64
OPzV 420	1192,0	1085,0	970,0	933,0	810,0	720,0	479,0	347,0	239,0	158,0	148,0	122,0	91,6	47,30	42,00	28,10	20,30	14,50	12,70	6,76
OPzV 490	1407,0	1266,0	1132,0	1089,0	945,0	840,0	559,0	404,0	279,0	184,0	173,0	142,0	107,0	55,10	49,00	32,80	22,50	16,90	14,80	7,89
OPzV 600	1703,0	1551,0	1386,0	1334,0	1157,0	1029,0	684,0	495,0	342,0	225,0	212,0	174,0	131,0	67,50	60,00	40,20	29,30	20,70	18,20	9,66
OPzV 800	2292,0	2068,0	1848,0	1778,0	1542,0	1372,0	912,0	660,0	456,0	300,0	283,0	232,0	174,0	90,00	80,00	53,60	39,50	27,60	24,20	12,90
OPzV 1000	2815,0	2585,0	2311,0	2223,0	1928,0	1715,0	1140,0	825,0	570,0	376,0	354,0	290,0	218,0	113,00	100,00	67,00	49,20	34,50	30,30	16,10
OPzV 1200	3415,0	3101,0	2773,0	2667,0	2313,6	2058,0	1368,0	990,0	684,0	451,0	424,0	348,0	262,0	135,00	120,00	80,40	58,40	41,40	36,30	19,30
OPzV 1500	3856,0	3468,0	3119,0	3001,0	2603,0	2315,0	1710,0	1238,0	855,0	564,0	530,0	435,0	328,0	169,00	150,00	101,00	73,30	52,00	45,00	24,00
OPzV 2000	5146,0	4624,0	4159,0	4001,0	3471,0	3087,0	2280,0	1650,0	1140,0	752,0	707,0	580,0	437,0	225,00	200,00	134,00	97,60	69,00	60,50	32,20
OPzV 2500	6279,0	5780,0	5199,0	5001,0	4339,0	3859,0	2850,0	2063,0	1425,0	940,0	884,0	725,0	546,0	281,00	250,00	168,00	123,00	86,00	76,00	40,00
OPzV 3000	7259,0	6936,0	6239,0	6001,0	5206,0	4631,0	3420,0	2475,0	1710,0	1128,0	1060,0	870,0	655,0	337,50	300,00	201,00	147,00	103,50	90,80	48,30

DISCHARGE POWER (W) to 1.75 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	383,0	357,0	320,0	314,0	271,0	236,0	167,0	121,0	83,0	55,6	51,4	42,1	31,5	16,90	15,00	10,10	7,30	5,20	4,54	2,42
OPzV 200	523,0	476,0	427,0	419,0	361,0	314,0	222,0	161,0	110,0	74,1	68,5	56,1	42,0	22,50	20,00	13,40	9,70	6,90	6,05	3,22
OPzV 250	648,0	595,0	534,0	524,0	451,0	392,0	278,0	201,0	138,0	92,6	85,6	70,1	52,5	28,10	25,00	16,80	11,50	8,63	7,56	4,03
OPzV 300	758,0	714,0	640,0	629,0	541,0	470,0	333,0	241,0	165,0	111,0	103,0	84,2	63,0	33,80	30,00	20,10	14,30	10,40	9,08	4,83
OPzV 350	903,0	833,0	747,0	734,0	631,0	549,0	389,0	281,0	193,0	130,0	120,0	98,2	73,5	39,40	35,00	23,50	16,80	12,10	10,60	5,64
OPzV 420	1089,0	1000,0	896,0	881,0	757,0	658,0	466,0	337,0	232,0	156,0	144,0	118,0	88,2	47,30	42,00	28,10	20,30	14,50	12,70	6,76
OPzV 490	1270,0	1166,0	1046,0	1027,0	883,0	768,0	544,0	393,0	270,0	182,0	168,0	137,0	103,0	55,10	49,00	32,80	22,50	16,90	14,80	7,89
OPzV 600	1597,0	1428,0	1280,0	1258,0	1082,0	941,0	666,0	482,0	331,0	222,0	206,0	168,0	126,0	67,50	60,00	40,20	29,30	20,70	18,20	9,66
OPzV 800	2142,0	1904,0	1707,0	1677,0	1442,0	1254,0	888,0	642,0	441,0	296,0	274,0	224,0	168,0	90,00	80,00	53,60	39,50	27,60	24,20	12,90
OPzV 1000	2532,0	2381,0	2134,0	2097,0	1803,0	1568,0	1110,0	803,0	551,0	371,0	343,0	281,0	210,0	113,00	100,00	67,00	49,20	34,50	30,30	16,10
OPzV 1200	3011,0	2857,0	2561,0	2516,0	2163,0	1881,0	1332,0	963,0	662,0	445,0	411,0	337,0	252,0	135,00	120,00	80,40	58,70	41,40	36,30	19,30
OPzV 1500	3472,0	3121,0	2881,0	2831,0	2434,0	2116,0	1665,0	1204,0	827,0	557,0	514,0	422,0	315,0	169,00	150,00	101,00	73,30	52,00	45,00	24,00
OPzV 2000	4465,0	4161,0	3841,0	3774,0	3245,0	2821,0	2220,0	1605,0	1103,0	742,0	685,0	562,0	420,0	225,00	200,00	134,00	97,60	69,00	60,50	32,20
OPzV 2500	5589,0	5201,0	4801,0	4718,0	4056,0	3526,0	2775,0	2006,0	1379,0	928,0	856,0	703,0	525,0	281,00	250,00	168,00	123,00	86,00	76,00	40,00
OPzV 3000	6659,0	6242,0	5762,0	5661,0	4867,0	4232,0	3330,0	2408,0	1655,0	1113,0	1028,0	842,5	630,0	337,50	300,00	201,00	147,00	103,50	90,80	48,30

DISCHARGE POWER (W) to 1.80 V_{pc} at 20 °C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	339,0	312,0	281,0	276,0	231,0	209,0	156,0	118,0	80,0	54,0	49,5	40,5	30,8	16,50	15,00	10,10	7,30	5,20	4,54	2,42
OPzV 200	451,0	416,0	375,0	368,0	308,0	279,0	208,0	157,0	106,0	72,0	66,0	54,0	41,0	22,00	20,00	13,40	9,70	6,90	6,05	3,22
OPzV 250	569,0	520,0	469,0	460,0	385,0	349,0	260,0	196,0	133,0	90,0	82,5	67,5	51,3	27,50	25,00	16,80	11,50	8,63	7,56	4,03
OPzV 300	673,0	624,0	563,0	552,0	462,0	419,0	312,0	236,0	159,0	108,0	99,0	81,0	61,5	33,00	30,00	20,10	14,30	10,40	9,08	4,83
OPzV 350	802,0	728,0	656,0	644,0	539,0	488,0	364,0	275,0	186,0	126,0	116,0	94,5	71,8	38,50	35,00	23,50	16,80	12,10	10,60	5,64
OPzV 420	958,0	873,0	788,0	772,0	647,0	586,0	437,0	330,0	223,0	151,0	139,0	113,0	86,1	46,20	42,00	28,10	20,30	14,50	12,70	6,76
OPzV 490	1172,0	1019,0	919,0	901,0	755,0	684,0	510,0	385,0	260,0	176,0	162,0	132,0	100,0	53,90	49,00	32,80	22,50	16,90	14,80	7,89
OPzV 600	1501,0	1247,0	1125,0	1103,0	924,0	837,0	624,0	471,0	318,0	216,0	198,0	162,0	123,0	66,00	60,00	40,20	29,30	20,70	18,20	9,66
OPzV 800	1892,0	1663,0	1500,0	1471,0	1232,0	1116,0	832,0	628,0	424,0	288,0	264,0	216,0	164,0	88,00	80,00	53,60	39,50	27,60	24,20	12,90
OPzV 1000	2203,0	2079,0	1875,0	1839,0	1540,0	1395,0	1040,0	785,0	530,0	360,0	330,0	270,0	205,0	110,00	100,00	67,00	49,20	34,50	30,30	16,10
OPzV 1200	2631,0	2495,0	2250,0	2207,0	1848,0	1674,0	1248,0	942,0	636,0	432,0	396,0	324,0	246,0	132,00	120,00	80,40	58,70	41,40	36,30	19,30
OPzV 1500	3128,0	2719,0	2531,0	2483,0	2079,0	1883,0	1560,0	1178,0	795,0	540,0	495,0	405,0	308,0	165,00	150,00	101,00	73,30	52,00	45,00	24,00
OPzV 2000	4107,0	3625,0	3375,0	3311,0	2772,0	2511,0	2080,0	1570,0	1060,0	720,0	660,0	540,0	410,0	220,00	200,00	134,00	97,60	69,00	60,50	32,20
OPzV 2500	4795,0	4531,0	4219,0	4139,0	3465,0	3139,0	2600,0	1963,0	1325,0	900,0	825,0	675,0	513,0	275,00	250,00	168,00	123,00	86,00	76,00	40,00
OPzV 3000	5786,0	5438,0	5063,0	4966,0	4158,0	3767,0	3120,0	2355,0	1590,0	1080,0	990,0	810,0	615,0	330,00	300,00	201,00	147,00	103,50	90,80	48,30

DISCHARGE POWER (W) to 1.85 V_{pc} at 20 °C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	294,0	271,0	245,0	240,0	200,0	182,0	152,0	112,0	76,0	51,6	47,1	38,8	29,0	15,60	14,20	10,10	7,30	5,20	4,54	2,42
OPzV 200	392,0	361,0	326,0	320,0	267,0	242,0	203,0	149,0	101,0	68,8	62,8	51,7	38,7	20,80	18,90	13,40	9,70	6,90	6,05	3,22
OPzV 250	493,0	451,0	407,0	401,0	334,0	303,0	254,0	186,0	126,0	86,0	78,5	64,6	48,4	26,00	23,60	16,80	11,50	8,63	7,56	4,03
OPzV 300	581,0	541,0	489,0	481,0	401,0	363,0	305,0	224,0	151,0	103,0	94,2	77,6	58,1	31,20	28,40	20,10	14,30	10,40	9,08	4,83
OPzV 350	685,0	631,0	570,0	561,0	467,0	424,0	355,0	261,0	176,0	120,0	110,0	90,5	67,7	36,40	33,10	23,50	16,80	12,10	10,60	5,64
OPzV 420	859,0	757,0	684,0	673,0	561,0	508,0	426,0	313,0	211,0	144,0	132,0	109,0	81,3	43,70	39,70	28,10	20,30	14,50	12,70	6,76
OPzV 490	1024,0	883,0	798,0	785,0	654,0	593,0	497,0	365,0	246,0	169,0	154,0	127,0	94,8	51,00	46,30	32,80	22,50	16,90	14,80	7,89
OPzV 600	1410,0	1082,0	978,0	961,0	801,0	726,0	609,0	447,0	302,0	206,0	188,0	155,0	116,0	62,40	56,70	40,20	29,30	20,70	18,20	9,66
OPzV 800	1743,0	1442,0	1304,0	1282,0	1068,0	968,0	812,0	596,0	402,0	275,0	251,0	207,0	155,0	83,20	75,60	53,60	39,50	27,60	24,20	12,90
OPzV 1000	2010,0	1803,0	1630,0	1602,0	1335,0	1210,0	1015,0	745,0	503,0	344,0	314,0	259,0	194,0	104,00	94,50	67,00	49,20	34,50	30,30	16,10
OPzV 1200	2369,0	2163,0	1955,0	1922,0	1602,0	1452,0	1218,0	894,0	604,0	413,0	377,0	310,0	232,0	125,00	113,00	80,40	58,70	41,40	36,30	19,30
OPzV 1500	2734,0	2342,0	2200,0	2162,0	1802,0	1634,0	1523,0	1118,0	755,0	517,0	472,0	388,0	290,0	156,00	141,00	101,00	73,30	52,00	45,00	24,00
OPzV 2000	3359,0	3123,0	2933,0	2883,0	2403,0	2178,0	2030,0	1490,0	1007,0	689,0	629,0	517,0	387,0	208,00	188,30	134,00	97,60	69,00	60,50	32,20
OPzV 2500	4326,0	3904,0	3666,0	3604,0	3004,0	2723,0	2538,0	1863,0	1259,0	861,0	786,0	646,0	484,0	260,00	235,00	168,00	123,00	86,00	76,00	40,00
OPzV 3000	4989,0	4685,0	4399,0	4325,0	3605,0	3267,0	3045,0	2235,0	1510,0	1033,0	943,0	775,0	580,0	312,50	282,50	201,00	147,00	103,50	90,80	48,30

DISCHARGE POWER (W) to 1.90 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	272,2	248,6	229,0	226,4	185,2	167,0	140,7	106,7	71,7	49,6	44,8	37,0	27,6	15,55	14,16	10,08	7,28	5,19	4,53	2,41
OPzV 200	363,0	331,2	304,7	301,9	247,2	222,0	188,0	141,9	95,3	66,2	59,7	49,2	36,9	20,74	18,84	13,37	9,67	6,89	6,04	3,21
OPzV 250	456,5	413,8	380,4	378,3	309,3	278,0	235,2	177,1	118,9	82,7	74,6	61,5	46,1	25,92	23,53	16,77	11,47	8,61	7,54	4,02
OPzV 300	538,0	496,3	457,0	453,8	371,3	333,0	282,4	213,3	142,5	99,0	89,5	73,9	55,3	31,11	28,32	20,06	14,26	10,38	9,06	4,82
OPzV 350	634,3	578,9	532,7	529,2	432,4	389,0	328,7	248,6	166,0	115,4	104,6	86,2	64,5	36,29	33,00	23,45	16,75	12,08	10,58	5,62
OPzV 420	795,4	694,5	639,3	634,9	519,4	466,1	394,4	298,1	199,1	138,5	125,5	103,8	77,4	43,57	39,58	28,04	20,24	14,47	12,67	6,74
OPzV 490	948,1	810,1	745,8	740,6	605,6	544,0	460,2	347,6	232,1	162,5	146,4	121,0	90,3	50,85	46,16	32,50	22,30	16,60	14,50	7,73
OPzV 600	1305,6	992,7	914,0	906,6	741,7	666,1	563,9	425,7	284,9	198,1	178,7	147,6	110,5	62,21	56,53	40,12	29,21	20,66	18,16	9,63
OPzV 800	1696,3	1322,9	1218,7	1209,4	988,9	888,1	751,9	567,6	379,2	264,4	238,6	197,1	147,6	82,95	75,37	53,49	39,38	27,54	24,15	12,86
OPzV 1000	1861,1	1654,1	1523,4	1511,3	1236,1	1110,1	939,8	709,5	474,5	330,8	298,5	246,7	184,8	103,69	94,22	66,87	49,05	34,43	30,24	16,05
OPzV 1200	2193,5	1984,4	1827,1	1813,2	1483,3	1332,1	1127,8	851,4	569,8	397,1	358,4	295,2	221,0	124,63	112,66	80,24	58,23	41,32	36,23	19,24
OPzV 1500	2531,5	2148,6	2056,1	2039,6	1668,5	1499,1	1410,2	1064,8	712,3	497,1	448,7	369,5	276,2	155,53	140,58	100,80	73,08	51,90	44,91	23,93
OPzV 2000	3110,2	2865,1	2741,1	2719,8	2225,0	1998,2	1879,6	1419,0	950,0	662,5	597,9	492,4	368,6	207,38	187,74	133,73	97,31	68,86	60,38	32,10
OPzV 2500	4005,6	3581,7	3426,2	3400,0	2781,5	2498,2	2350,0	1774,3	1187,7	827,9	747,2	615,2	461,0	259,22	234,30	167,66	122,63	85,83	75,84	39,88
OPzV 3000	4619,4	4298,2	4111,2	4080,2	3338,0	2997,2	2819,4	2128,6	1424,5	993,3	896,4	738,1	552,4	311,57	281,66	200,60	146,56	103,29	90,61	48,16

DISCHARGE POWER (W) to 1.95 Vpc at 20°C

Type	Minutes						Hours													
	1	5	10	15	20	30	1	2	3	5	6	8	10	20	24	48	72	100	120	240
OPzV 150	254,4	230,2	210,1	211,6	169,9	154,6	130,3	101,6	67,6	45,9	41,8	35,5	26,6	15,51	14,12	10,06	7,26	5,18	4,52	2,41
OPzV 200	339,2	306,7	279,5	282,1	226,8	205,6	174,0	135,1	89,9	61,3	55,8	47,3	35,4	20,68	18,79	13,35	9,64	6,87	6,03	3,20
OPzV 250	426,6	383,1	349,0	353,6	283,7	257,4	217,8	168,7	112,1	76,6	69,7	59,2	44,3	25,84	23,46	16,73	11,43	8,60	7,53	4,01
OPzV 300	502,8	459,6	419,3	424,1	340,6	308,4	261,5	203,2	134,4	91,7	83,7	71,1	53,2	31,01	28,23	20,02	14,21	10,36	9,04	4,80
OPzV 350	592,8	536,0	488,7	494,6	396,7	360,2	304,4	236,7	156,6	106,8	97,7	82,9	62,0	36,18	32,90	23,41	16,70	12,05	10,56	5,61
OPzV 420	743,3	643,1	586,5	593,4	476,6	431,5	365,2	283,9	187,8	128,2	117,3	99,8	74,5	43,44	39,46	27,99	20,18	14,44	12,65	6,72
OPzV 490	886,1	750,1	684,2	692,1	555,6	503,7	426,1	331,1	218,9	150,5	136,8	116,3	86,8	50,70	46,02	32,44	22,23	16,57	14,47	7,71
OPzV 600	1220,1	919,1	838,5	847,3	680,4	616,7	522,1	405,4	268,8	183,4	167,0	141,9	106,2	62,03	56,36	40,04	29,12	20,62	18,13	9,60
OPzV 800	1585,3	1224,9	1118,1	1130,3	907,2	822,3	696,2	540,6	357,8	244,8	223,0	189,6	141,9	82,70	75,15	53,39	39,26	27,49	24,10	12,82
OPzV 1000	1739,4	1531,6	1397,6	1412,4	1134,0	1027,9	870,2	675,7	447,7	306,3	279,0	237,2	177,7	103,38	93,94	66,73	48,91	34,36	30,18	16,00
OPzV 1200	2050,0	1837,4	1676,2	1694,6	1360,9	1233,4	1044,2	810,9	537,6	367,7	334,9	283,9	212,5	124,25	112,33	80,08	58,05	41,23	36,15	19,18
OPzV 1500	2365,9	1989,5	1886,3	1906,2	1530,8	1388,0	1305,7	1014,1	671,9	460,3	419,3	355,3	265,6	155,07	140,16	100,60	72,86	51,79	44,82	23,86
OPzV 2000	2906,7	2652,9	2514,8	2541,9	2041,3	1850,2	1740,4	1351,5	896,2	613,4	558,8	473,4	354,4	206,76	187,18	133,47	97,02	68,72	60,25	32,01
OPzV 2500	3743,5	3316,3	3143,3	3177,6	2551,8	2313,1	2175,9	1689,8	1120,5	766,6	698,3	591,6	443,2	258,45	233,60	167,33	122,20	85,66	75,69	39,76
OPzV 3000	4317,2	3979,8	3771,8	3813,3	3062,4	2775,2	2610,6	2027,2	1343,9	919,7	837,8	709,7	531,1	310,63	280,81	200,20	146,12	103,09	90,43	48,01