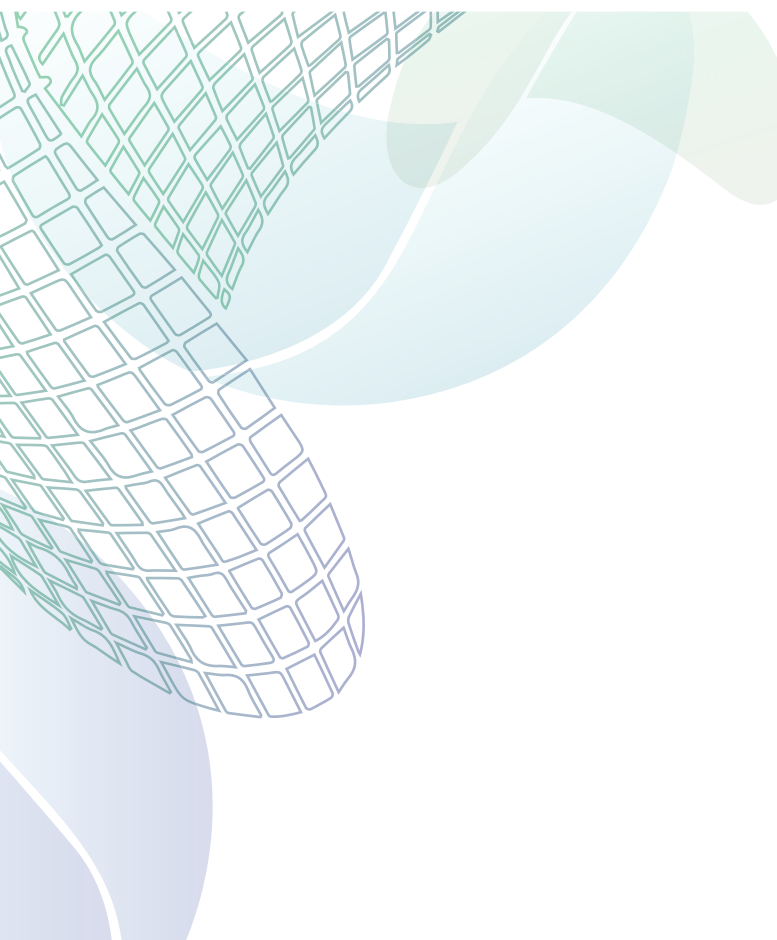




CELLYTE 2ETG GEL SERIES

2V TUBULAR PLATE GEL OPzV BATTERIES



SEC - 2 - ETG

info@secbattery.com / www.secbattery.com

SEC Industrial Battery Co. Ltd.

Battery Profile

DESIGN LIFE

18-20 year design life in float service @ 25°C

100Ah-3000Ah at C/10 to 1.80vpc @ 25°C.

1200 Cycles @ 80% DOD

MANUFACTURED TO COMPLY

WITH DIN 40742-1999
ISO 9001 : 2000
ISO 14001 : 2004
Eurobat

APPLICATIONS

Telecommunications
Photovoltaic/Cyclic
Navigation Aids
Control System
Cellular Radio
Switchgear
UPS

SPECIFICATIONS

Positive electrode:	Tubular Plate with antimony-free special alloy
Negative electrode:	Grid Plate
Float Voltage:	2.25 vpc $\pm 1\%$ at 25°C
Max.Charge Voltage:	2.35 vpc $\pm 1\%$ at 25°C
Electrolyte:	Thixotropic GEL
Safety Valve:	1-3 PSI Self-Resealing
Separators:	Microporous Plastic
Terminals:	Integral Copper Insert for M8 Bolt

INNOVATIVE FEATURES

Low Self Discharge
Freezing Tolerated
Latest plates formation technology
Accepts high charge rate
Requires no equalisation
Never requires addition of water
Spill Proof and Leak Proof
No Gases Escape in Charging
Explosion Proof / Increased Safety
Long Life
Deep Cycle Capability



CAPACITY

Ampere Hour @ 25°C



SEC CELL Type	European DIN TYPE	End Volts /Cell	DISCHARGE DATA AMPERE HOURS @ 25°C											
			DISCHARGE TIME IN HOURS											
			120hr	100hr	48hr	24hr	10hr	8hr	6hr	5hr	4hr	3hr	2hr	1hr
2-ETG-100	2 OPzV 100	1.85	126	123	115	107	93.5	88.8	83.4	79.8	76.4	70.1	60.8	44.9
		1.80	129	127	120	113	100	95.2	87.0	86.0	80.0	76.2	66.8	50.5
		1.75	134	131	124	115	102	96.8	88.7	87.8	82.0	77.9	68.6	52.0
2-ETG-150	3 OPzV 150	1.85	188	185	173	161	140	133	125	120	115	105	91.2	67.3
		1.80	193	191	180	169	150	143	131	129	120	114	100	75.8
		1.75	201	197	185	173	152	145	133	132	123	117	103	78.0
2-ETG-200	4 OPzV 200	1.85	252	246	230	215	187	178	167	160	153	140	122	89.7
		1.80	258	254	240	226	200	190	174	172	160	152	134	101
		1.75	268	263	247	230	203	194	177	176	164	156	137	104
2-ETG-250	5 OPzV 250	1.85	314	308	288	268	234	222	209	200	191	175	152	112
		1.80	323	318	300	283	250	238	218	215	200	191	167	126
		1.75	335	329	309	288	254	242	222	219	205	195	172	131
2-ETG-300	6 OPzV 300	1.85	377	370	346	322	281	266	251	239	229	210	182	135
		1.80	387	381	360	338	300	286	261	258	240	229	200	152
		1.75	402	394	371	346	305	290	266	263	246	234	206	158
2-ETG-350	5 OPzV 350	1.85	440	431	403	376	325	310	292	278	267	243	210	157
		1.80	451	445	420	396	350	331	305	299	280	264	230	176
		1.75	469	460	432	403	356	337	311	305	287	270	238	183
2-ETG-420	6 OPzV 420	1.85	528	517	484	451	393	371	351	333	321	292	252	188
		1.80	542	533	504	475	420	398	365	359	336	318	278	212
		1.75	563	552	518	484	427	405	373	366	344	324	284	220
2-ETG-500	7 OPzV 490	1.85	616	604	564	526	459	434	409	388	374	339	294	219
		1.80	632	622	588	554	490	464	426	419	392	369	324	247
		1.75	657	644	605	564	498	472	435	427	400	378	332	257
2-ETG-600	6 OPzV 600	1.85	755	739	691	643	562	526	501	471	458	411	354	267
		1.80	774	762	720	678	600	564	522	510	480	447	390	301
		1.75	805	789	742	691	609	574	532	520	492	456	400	313
2-ETG-700	7 OPzV 700	1.85	880	862	806	751	655	614	584	550	535	480	413	312
		1.80	903	889	840	791	700	658	609	590	560	522	453	351
		1.75	939	920	864	806	711	669	621	604	574	533	467	366
2-ETG-800	8 OPzV 800	1.85	1006	986	922	859	749	702	666	630	611	549	472	356
		1.80	1032	1016	960	904	800	752	696	675	640	597	518	401
		1.75	1073	1050	989	922	813	765	708	690	656	609	534	418
2-ETG-900	9 OPzV 900	1.85	1132	1109	1037	966	843	792	750	705	688	615	531	401
		1.80	1161	1140	1080	1017	900	848	783	760	720	672	583	452
		1.75	1207	1180	1112	1037	918	856	798	779	738	686	599	470
2-ETG-1000	10 OPzV 1000	1.85	1258	1230	1152	1073	937	880	834	785	764	684	590	445
		1.80	1290	1270	1200	1130	1000	944	870	845	800	747	648	502
		1.75	1342	1310	1236	1152	1020	952	887	865	820	762	666	522
2-ETG-1200	12 OPzV 1200	1.85	1509	1478	1382	1288	1120	1056	1002	940	916	822	708	535
		1.80	1548	1520	1440	1356	1200	1128	1044	1015	960	894	778	602
		1.75	1608	1577	1483	1382	1220	1144	1062	1035	984	915	800	626
2-ETG-1500	12 OPzV 1500	1.85	1884	1848	1728	1610	1400	1312	1253	1165	1146	1017	872	666
		1.80	1932	1905	1800	1694	1500	1400	1305	1260	1200	1107	958	750
		1.75	2012	1970	1853	1728	1520	1424	1331	1285	1230	1131	984	781
2-ETG-1750	14 OPzV 1750	1.85	2196	2156	2016	1879	1636	1526	1462	1360	1336	1187	1016	777
		1.80	2256	2220	2100	1978	1750	1640	1523	1470	1400	1289	1116	875
		1.75	2348	2300	2163	2016	1776	1656	1553	1495	1435	1317	1148	911
2-ETG-1875	15 OPzV 1875	1.85	2358	2310	2160	2013	1750	1632	1566	1458	1432	1271	1089	833
		1.80	2419	2380	2250	2119	1875	1752	1631	1575	1500	1380	1196	938
		1.75	2516	2460	2318	2160	1900	1776	1662	1603	1536	1412	1230	976
2-ETG-2000	16 OPzV 2000	1.85	2516	2460	2304	2147	1870	1744	1668	1555	1528	1356	1162	888
		1.80	2580	2540	2400	2260	2000	1872	1740	1680	1600	1473	1276	1000
		1.75	2683	2629	2472	2305	2030	1896	1775	1710	1640	1506	1312	1041
2-ETG-2250	18 OPzV 2250	1.85	2971	2770	2592	2415	2106	1966	1878	1750	1719	1526	1306	999
		1.80	3048	2858	2700	2543	2250	2104	1956	1890	1800	1658	1436	1125
		1.75	3168	2958	2779	2592	2286	2136	1997	1925	1844	1695	1476	1171
2-ETG-2500	20 OPzV 2500	1.85	3300	3080	2880	2684	2340	2184	2088	1945	1910	1695	1452	1110
		1.80	3384	3175	3000	2825	2500	2336	2175	2100	2000	1842	1596	1250
		1.75	3516	3286	3090	2880	2540	2376	2219	2140	2050	1884	1640	1301
2-ETG-3000	24 OPzV 3000	1.85	3768	3696	3456	3216	2810	2616	2506	2335	2292	2031	1742	1332
		1.80	3870	3810	3600	3384	3000	2800	2610	2520	2400	2211	1914	1500
		1.75	4020	3940	3708	3456	3050	2848	2662	2565	2460	2262	1968	1561

*Actual Battery Discharge Data may be ± 5% of figures shown.

SEC CELL Type	European DIN TYPE	End Volts /Cell	DISCHARGE DATA AMPS @ 25°C											
			DISCHARGE TIME IN HOURS											
			120hr	100hr	48hr	24hr	10hr	8hr	6hr	5hr	4hr	3hr	2hr	1hr
2-ETG-100	2 OPzV 100	1.85	1.05	1.23	2.40	4.46	9.35	11.1	13.9	16.0	19.1	23.4	30.4	44.9
		1.80	1.08	1.27	2.50	4.71	10.0	11.9	14.5	17.2	20.0	25.4	33.4	50.5
		1.75	1.12	1.31	2.58	4.79	10.2	12.1	14.8	17.6	20.5	26.0	34.3	52.0
2-ETG-150	3 OPzV 150	1.85	1.57	1.85	3.60	6.71	14.0	16.6	20.8	23.9	28.7	35.0	45.6	67.3
		1.80	1.61	1.91	3.75	7.06	15.0	17.9	21.8	25.8	30.0	38.0	50.0	75.8
		1.75	1.68	1.97	3.85	7.20	15.2	18.1	22.2	26.3	30.8	38.9	51.5	78.0
2-ETG-200	4 OPzV 200	1.85	2.10	2.46	4.79	8.95	18.7	22.2	27.8	31.9	38.2	46.7	60.8	89.7
		1.80	2.15	2.54	5.00	9.42	20.0	23.8	29.0	34.4	40.0	50.7	66.8	101
		1.75	2.23	2.63	5.15	9.60	20.3	24.2	29.5	35.1	41.0	51.9	68.5	104
2-ETG-250	5 OPzV 250	1.85	2.62	3.08	6.00	11.2	23.4	27.8	34.8	39.9	47.8	58.3	76.0	112
		1.80	2.69	3.18	6.25	11.8	25.0	29.8	36.3	43.0	50.0	63.5	83.5	126
		1.75	2.79	3.29	6.44	12.0	25.4	30.3	37.0	43.8	51.3	64.9	85.8	131
2-ETG-300	6 OPzV 300	1.85	3.14	3.70	7.20	13.4	28.1	33.3	41.8	47.8	57.3	70.0	91.0	135
		1.80	3.23	3.81	7.50	14.1	30.0	35.7	43.5	51.6	60.0	76.2	100	152
		1.75	3.35	3.94	7.73	14.4	30.5	36.3	44.3	52.6	61.5	77.9	103	158
2-ETG-350	5 OPzV 350	1.85	3.67	4.31	8.40	15.7	32.5	38.7	48.7	55.5	66.8	81.0	105	157
		1.80	3.76	4.45	8.75	16.5	35.0	41.4	50.8	59.8	70.0	88.0	115	176
		1.75	3.91	4.60	9.01	16.8	35.6	42.1	51.8	61.0	71.8	90.0	119	183
2-ETG-420	6 OPzV 420	1.85	4.40	5.17	10.1	18.8	39.3	46.4	58.5	66.5	80.2	97.2	126	188
		1.80	4.52	5.33	10.5	19.8	42.0	49.7	60.8	71.8	84.0	106	139	212
		1.75	4.69	5.52	10.8	20.2	42.7	50.6	62.1	73.1	86.0	108	142	220
2-ETG-500	7 OPzV 490	1.85	5.13	6.04	11.8	21.9	45.9	54.2	68.2	77.6	93.5	113	147	219
		1.80	5.27	6.22	12.3	23.1	49.0	58.0	71.0	83.7	98.0	123	162	247
		1.75	5.48	6.44	12.6	23.5	49.8	59.0	72.5	85.3	100	126	166	257
2-ETG-600	6 OPzV 600	1.85	6.29	7.39	14.4	26.8	56.2	65.8	83.5	94.2	115	137	177	267
		1.80	6.45	7.62	15.0	28.3	60.0	70.5	87.0	102	120	149	195	301
		1.75	6.71	7.89	15.5	28.8	60.9	71.7	88.7	104	123	152	200	313
2-ETG-700	7 OPzV 700	1.85	7.33	8.62	16.8	31.3	65.5	76.8	97.4	110	134	160	207	312
		1.80	7.53	8.89	17.5	33.0	70.0	82.3	102	118	140	174	227	351
		1.75	7.83	9.20	18.0	33.6	71.1	83.6	104	121	144	178	234	366
2-ETG-800	8 OPzV 800	1.85	8.38	9.86	19.2	35.8	74.9	87.8	111	126	153	183	236	356
		1.80	8.60	10.2	20.0	37.7	80.0	94.0	116	135	160	199	259	401
		1.75	8.94	10.5	20.6	38.4	81.3	95.6	118	138	164	203	267	418
2-ETG-900	9 OPzV 900	1.85	9.43	11.1	21.6	40.3	84.3	99.0	125	141	172	205	266	401
		1.80	9.68	11.4	22.5	42.4	90.0	106	131	152	180	224	292	452
		1.75	10.1	11.8	23.2	43.2	91.8	107	133	156	185	229	300	470
2-ETG-1000	10 OPzV 1000	1.85	10.5	12.3	24.0	44.7	93.7	110	139	157	191	228	295	445
		1.80	10.8	12.7	25.0	47.1	100	118	145	169	200	249	324	502
		1.75	11.2	13.1	25.8	48.0	102	119	148	173	205	254	333	522
2-ETG-1200	12 OPzV 1200	1.85	12.6	14.8	28.8	53.7	112	132	167	188	229	274	354	535
		1.80	12.9	15.2	30.0	56.5	120	141	174	203	240	298	389	602
		1.75	13.4	15.8	30.9	57.6	122	143	177	207	246	305	400	626
2-ETG-1500	12 OPzV 1500	1.85	15.7	18.5	36.0	67.1	140	164	209	233	287	339	436	666
		1.80	16.1	19.1	37.5	70.6	150	175	218	252	300	369	479	750
		1.75	16.8	19.7	38.6	72.0	152	178	222	257	308	377	492	781
2-ETG-1750	14 OPzV 1750	1.85	18.3	21.6	42.0	78.3	164	191	244	272	334	396	508	777
		1.80	18.8	22.2	43.8	82.4	175	205	254	294	350	430	558	875
		1.75	19.6	23.0	45.1	84.0	178	207	259	299	359	439	574	911
2-ETG-1875	15 OPzV 1875	1.85	19.7	23.1	45.0	83.9	175	204	261	292	358	424	545	833
		1.80	20.2	23.8	46.9	88.3	188	219	272	315	375	460	598	938
		1.75	21.0	24.6	48.3	90.0	190	222	277	321	384	471	615	976
2-ETG-2000	16 OPzV 2000	1.85	21.0	24.6	48.0	89.5	187	218	278	311	382	452	581	888
		1.80	21.5	25.4	50.0	94.2	200	234	290	336	400	491	638	1000
		1.75	22.4	26.3	51.5	96.0	203	237	296	342	410	502	656	1041
2-ETG-2250	18 OPzV 2250	1.85	24.8	27.7	54.0	101	211	246	313	350	430	509	653	999
		1.80	25.4	28.6	56.3	106	225	263	326	378	450	553	718	1125
		1.75	26.4	29.6	57.9	108	229	267	333	385	461	565	738	1171
2-ETG-2500	20 OPzV 2500	1.85	27.5	30.8	60.0	112	234	273	348	389	478	565	726	1110
		1.80	28.2	31.8	62.5	118	250	292	363	420	500	614	798	1250
		1.75	29.3	32.9	64.4	120	254	297	370	428	513	628	820	1301
2-ETG-3000	24 OPzV 3000	1.85	31.4	37.0	72.0	134	281	327	418	467	573	677	871	1332
		1.80	32.3	38.1	75.0	141	300	350	435	504	600	737	957	1500
		1.75	33.5	39.4	77.3	144	305	356	444	513	615	754	984	1561

*Actual Battery Discharge Data may be ± 5% of figures shown.

SEC CELL Type	European DIN TYPE	End Volts /Cell	DISCHARGE DATA WATTS/CELL @ 25°C											
			DISCHARGE TIME IN HOURS											
			120hr	100hr	48hr	24hr	10hr	8hr	6hr	5hr	4hr	3hr	2hr	1hr
2-ETG-100	2 OPzV 100	1.85	2.14	2.51	4.81	8.95	18.6	22.1	27.5	31.4	37.5	45.5	58.8	85.9
		1.80	2.19	2.58	5.00	9.42	19.8	23.5	28.5	33.7	39.0	49.2	64.1	95.6
		1.75	2.27	2.66	5.12	9.52	20.1	23.7	28.8	34.1	39.6	49.8	65.1	97.0
2-ETG-150	3 OPzV 150	1.85	3.20	3.77	7.23	13.5	27.9	33.0	41.2	47.1	56.3	68.2	88.1	129
		1.80	3.27	3.88	7.50	14.1	29.8	35.3	42.9	50.5	58.5	73.6	96.0	144
		1.75	3.40	4.00	7.65	14.3	29.9	35.5	43.2	51.1	59.4	74.6	97.7	145
2-ETG-200	4 OPzV 200	1.85	4.28	5.01	9.62	18.0	37.3	44.1	55.0	62.8	74.9	91.0	118	172
		1.80	4.37	5.17	10.0	18.8	39.7	47.1	57.0	67.4	78.0	98.1	128	191
		1.75	4.53	5.34	10.2	19.1	40.0	47.4	57.5	68.2	79.2	100	130	194
2-ETG-250	5 OPzV 250	1.85	5.33	6.27	12.0	22.4	46.7	55.1	68.8	78.6	93.7	114	147	214
		1.80	5.47	6.47	12.5	23.6	49.6	58.9	71.4	84.2	97.5	123	160	239
		1.75	5.67	6.68	12.8	23.8	50.0	59.3	72.1	85.1	99.0	124	163	244
2-ETG-300	6 OPzV 300	1.85	6.40	7.54	14.5	26.9	56.0	66.1	82.6	94.2	112	136	176	258
		1.80	6.56	7.75	15.0	28.2	59.5	70.6	85.5	101	117	148	192	288
		1.75	6.80	8.00	15.4	28.6	60.0	71.1	86.4	102	119	149	195	295
2-ETG-350	5 OPzV 350	1.85	7.47	8.78	16.9	31.4	64.8	76.9	96.2	109	131	158	203	300
		1.80	7.65	9.05	17.5	33.0	69.4	81.8	99.9	117	137	170	221	333
		1.75	7.94	9.34	17.9	33.3	70.1	82.5	101	118	139	173	226	341
2-ETG-420	6 OPzV 420	1.85	8.96	10.5	20.2	37.7	78.4	92.1	116	131	157	189	244	360
		1.80	9.19	10.8	21.0	39.6	83.3	98.3	120	141	164	205	267	402
		1.75	9.52	11.2	21.4	40.1	84.0	99.2	121	142	166	207	270	410
2-ETG-500	7 OPzV 490	1.85	10.5	12.3	23.6	44.0	91.5	108	135	153	183	220	284	419
		1.80	10.7	12.7	24.5	46.2	97.2	115	140	164	191	238	311	468
		1.75	11.1	13.1	25.0	46.7	98.0	116	141	166	193	242	315	479
2-ETG-600	6 OPzV 600	1.85	12.8	15.1	28.9	53.8	112	131	165	186	225	267	342	511
		1.80	13.1	15.5	30.0	56.5	119	139	171	200	234	289	374	570
		1.75	13.6	16.0	30.7	57.2	120	141	173	202	238	292	380	584
2-ETG-700	7 OPzV 700	1.85	14.9	17.6	33.7	62.8	131	153	193	217	262	312	399	597
		1.80	15.3	18.1	35.0	65.9	139	163	200	231	273	337	435	665
		1.75	15.9	18.7	35.7	66.7	140	164	202	235	277	341	443	683
2-ETG-800	8 OPzV 800	1.85	17.1	20.1	38.5	71.8	149	174	219	248	300	357	456	681
		1.80	17.5	20.7	40.0	75.3	159	186	228	264	312	385	497	759
		1.75	18.1	21.3	40.9	76.3	160	187	230	268	317	389	507	780
2-ETG-900	9 OPzV 900	1.85	19.2	22.6	43.4	80.8	168	197	247	278	337	400	513	767
		1.80	19.7	23.2	45.0	84.8	179	210	257	298	351	434	560	856
		1.75	20.4	24.0	46.0	85.8	181	210	259	303	356	439	568	877
2-ETG-1000	10 OPzV 1000	1.85	21.4	25.1	48.2	89.7	187	219	275	309	375	444	570	851
		1.80	21.9	25.8	50.0	94.2	198	233	285	331	390	482	622	951
		1.75	22.7	26.6	51.1	95.3	201	233	288	336	396	487	632	974
2-ETG-1200	12 OPzV 1200	1.85	25.6	30.1	57.8	108	223	262	330	370	449	534	684	1023
		1.80	26.2	30.9	60.0	113	238	279	342	398	468	577	747	1140
		1.75	27.2	32.0	61.4	114	240	280	345	402	475	585	759	1167
2-ETG-1500	12 OPzV 1500	1.85	32.0	37.6	72.3	135	279	326	413	459	562	661	843	1274
		1.80	32.7	38.7	75.0	141	298	346	428	494	585	715	920	1421
		1.75	34.0	40.0	76.7	143	299	349	432	499	594	723	934	1457
2-ETG-1750	14 OPzV 1750	1.85	37.3	43.9	84.3	157	326	379	482	536	655	771	982	1486
		1.80	38.2	45.2	87.5	165	347	405	499	576	683	832	1071	1657
		1.75	39.7	46.7	89.5	167	350	406	504	581	693	842	1089	1699
2-ETG-1875	15 OPzV 1875	1.85	40.0	47.1	90.3	168	349	405	516	574	702	826	1053	1594
		1.80	41.0	48.4	93.8	177	372	433	534	617	731	891	1148	1777
		1.75	42.6	49.9	95.9	179	374	435	540	623	742	903	1167	1820
2-ETG-2000	16 OPzV 2000	1.85	42.7	50.1	96.3	180	373	433	550	613	749	881	1123	1699
		1.80	43.7	51.7	100	188	397	463	570	658	780	951	1225	1894
		1.75	45.4	53.4	102	191	400	465	577	664	792	963	1245	1941
2-ETG-2250	18 OPzV 2250	1.85	50.4	56.4	108	202	420	488	619	690	843	991	1262	1911
		1.80	51.7	58.1	113	212	446	520	641	741	878	1071	1379	2131
		1.75	53.6	60.0	115	214	450	523	649	748	891	1084	1401	2184
2-ETG-2500	20 OPzV 2500	1.85	56.0	62.7	120	224	467	542	688	766	937	1101	1403	2123
		1.80	57.4	64.6	125	235	496	577	713	823	975	1189	1532	2368
		1.75	59.5	66.7	128	238	500	582	721	831	990	1205	1556	2426
2-ETG-3000	24 OPzV 3000	1.85	64.0	75.3	145	269	560	650	826	920	1124	1319	1684	2548
		1.80	65.6	77.5	150	282	595	692	855	987	1170	1428	1837	2841
		1.75	68.0	80.0	153	286	600	698	865	996	1188	1446	1868	2911

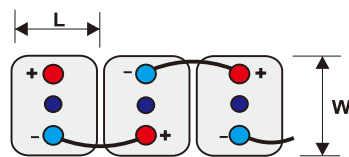
*Actual Battery Discharge Data may be $\pm 5\%$ of figures shown.

DIMENSIONS

Dimensions, Weights, Data

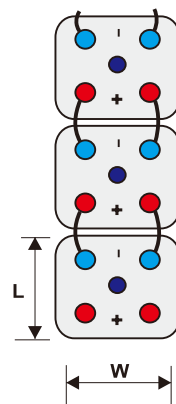
SEC CELL TYPE	European DIN TYPE	Nom. Volts	Nominal Capacity AH - C/10	Overall Dimensions			Number of Terminal	Unit Weight KG	Units pre Crate	Crate Weight KG	Crates per 20' Container	Cells per 20' Container
				Length mm	Width mm	Height mm						
SEC-2-ETG-100	2 OPzV 100	2	100	105	208	393	2	14	24	381	45	1080
SEC-2-ETG-150	3 OPzV 150	2	150	105	208	393	2	16	24	429	41	984
SEC-2-ETG-200	4 OPzV 200	2	200	105	208	393	2	18	24	477	37	888
SEC-2-ETG-250	5 OPzV 250	2	250	126	208	393	2	22	24	573	30	720
SEC-2-ETG-300	6 OPzV 300	2	300	147	208	393	2	26	24	669	26	624
SEC-2-ETG-350	5 OPzV 350	2	350	147	208	509	2	29	24	741	24	576
SEC-2-ETG-420	6 OPzV 420	2	420	147	208	509	2	34	24	861	20	480
SEC-2-ETG-500	7 OPzV 490	2	500	168	208	509	2	39	24	981	18	432
SEC-2-ETG-600	6 OPzV 600	2	600	147	208	684	2	46	12	597	29	348
SEC-2-ETG-700	7 OPzV 700	2	700	193	212	684	4	59	8	517	30	240
SEC-2-ETG-800	8 OPzV 800	2	800	193	212	684	4	63	8	549	30	240
SEC-2-ETG-900	9 OPzV 900	2	900	235	212	684	4	72	8	621	28	224
SEC-2-ETG-1000	10 OPzV 1000	2	1000	235	212	684	4	79	8	678	26	208
SEC-2-ETG-1200	12 OPzV 1200	2	1200	277	212	684	4	93	8	794	22	176
SEC-2-ETG-1500	12 OPzV 1500	2	1500	277	212	834	4	115	8	970	18	144
SEC-2-ETG-1750	14 OPzV 1750	2	1750	400	212	810	6	136	6	866	20	120
SEC-2-ETG-1875	15 OPzV 1850	2	1875	400	212	810	6	148	6	938	19	114
SEC-2-ETG-2000	16 OPzV 2000	2	2000	400	212	810	6	155	6	980	18	108
SEC-2-ETG-2250	18 OPzV 2250	2	2250	489	212	810	8	180	4	770	23	92
SEC-2-ETG-2500	20 OPzV 2500	2	2500	489	212	810	8	196	4	834	21	84
SEC-2-ETG-3000	24 OPzV 3000	2	3000	576	212	810	8	232	4	978	18	72

Horizontal Installation

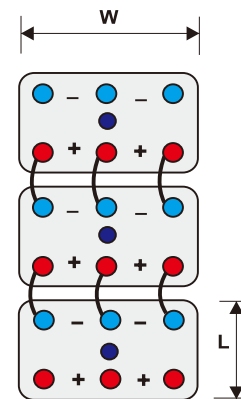


TYPE 2ETG 100 to 600

Note
It is not recommended to use **2ETG1000 to 2ETG 3000** in horizontal position



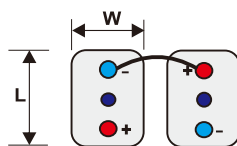
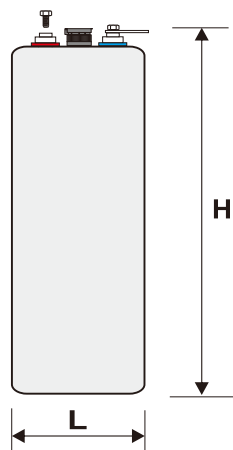
TYPE 2ETG 700 to 1500



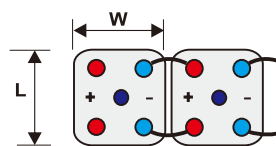
TYPE 2ETG 1750 to 2000

Vertical Installation

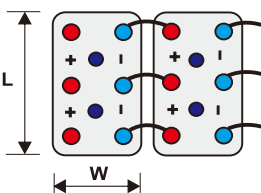
2ETG Range



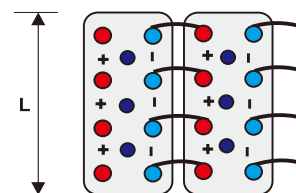
TYPE 2ETG 100 to 600



TYPE 2ETG 700 to 1500



TYPE 2ETG 1750 to 2000



TYPE 2ETG 2500 & 3000

*Actual Dimension may be $\pm 5\%$ from the figures shown.

RECOMBINATION PRINCIPLE

With sealed batteries the principle of internal recombination is used:

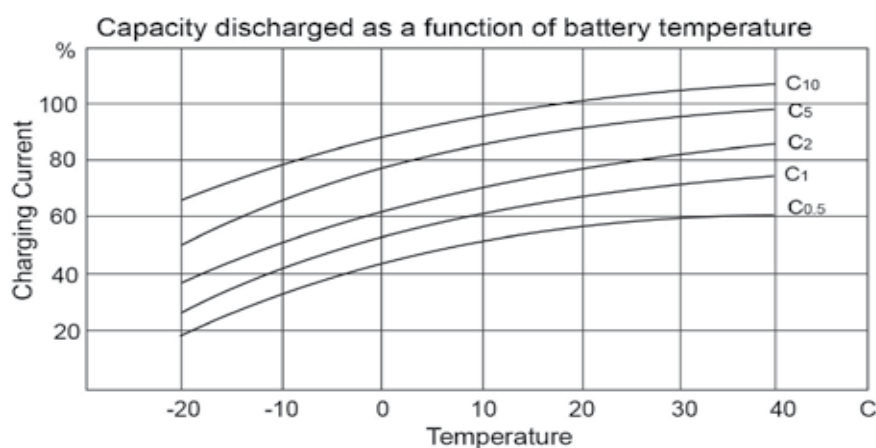
The oxygen, which is produced in the positive plate during charging causes an oxidation process which occurs at the negative plate. Through various interim stages lead sulphate is produced which is constantly converted to active material by the charging current and releases water. This creates a closed water regeneration cycle. By using special alloys with a high electrode potential the formation of hydrogen at the negative electrodes is almost entirely suppressed. The recombination principle reliably reduces water loss and the escape of electrolyte gases. Should excess gases be produced through overcharging or misuse! these can escape through a vent.

CHARGING

In practice constant voltage charging has become generally accepted for continuous battery power supply. Using this method of charging the battery can be charged at either 2.25 V/cell or 2.35 V/cell. A complete recharge is also possible at a voltage of 2.25 V/cell. A charging current limit is not necessary up to a charging voltage of 2.35 V/cell. The battery room ventilation corresponds to EN 50 272-2/DIN VDE 0510 part 2. The absolute gas-tight construction allows the battery to be operated in both a vertical and horizontal position.

Cell Self-Discharge: Less than 3% self-discharge per month.

Operating Temperature: -25 to +55°C. However we recommend that the batteries be operated in the temperature range of 20 to 25°C. to obtain full life and optimum performance.

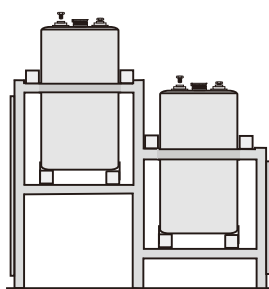


CELLYTE Gel ETG Series - Horizontal & Vertical Racking Systems.

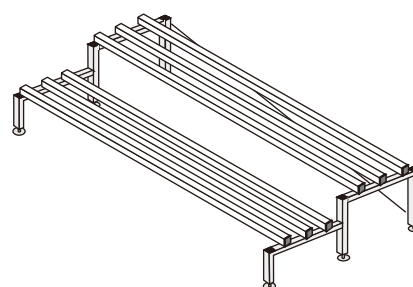
SEC 2ETG Series of Batteries can be mounted on/in vertical or Horizontal Racking System. It is recommended to mount only up to 800Ah. batteries in horizontal position, and from 1000Ah. to 3000Ah. in vertical position.



Typical tubular rack for horizontal configuration up to 800Ah. SEC 2ETG Gel Series of batteries



Typical Zone 4 tubular rack for vertical configuration from 1000Ah. to 3000Ah. SEC 2ETG Gel Series of batteries



Typical tubular step rack for vertical configuration from 1000Ah. to 3000Ah. SEC 2ETG Gel Series of batteries

SEC ALL PRODUCT RANGE



CELLYTE 2CMT/G
Modular Steel Rack



CELLYTE 2TLM/G
Tubular Steel Rack



CELLYTE 2CMT/G, CELLYTE 2TLM/G
with Catalyst



CELLYTE 12PLF & 12PLT Range



CELLYTE 12FTA/G Range



CELLYTE 6-12TUA Range



CELLYTE 6-12TSG Range



CELLYTE 6-12TLA Range



CELLYTE 6-12TLG Range



MICROLYTE +Plus Range



MICROLYTE Red Top Range



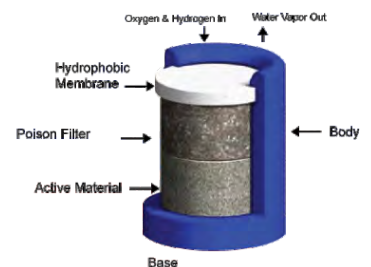
CELLYTE 2ETG OPzV Range
Tubular Steel Rack



CELLYTE TRA Range



Nickel Cadmium Range
Pocket Plate flooded and VR



Typical VRLA catalyst

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