

Guarantee

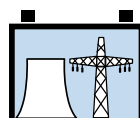
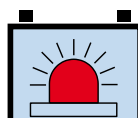
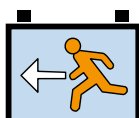
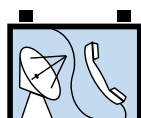
EverExceed®
power your applications

Gellyte Range VRLA

Deep cycle GEL battery



**»Premium quality for
uninterrupted communication«**



www.everexceed.com



Gellyte Range VRLA

18 Ah to 300 Ah @ C20

The extremely powerful and reliable EverExceed's Gellyte Range VRLA batteries perfectly fulfills the requirements for many different applications including solar, telecommunications, Home Medical Equipment (HME) / mobility, industrial and utility applications where frequent deep cycles are required and minimum maintenance is desirable. Our development team combines the market's demand with design optimization, precision component selection and state-of-the-art manufacturing process to produce the most cost effective battery solution for today's applications.

Applicable Operating temperature range:

-40°C (-40°F) to +70°C (+158°F)

Ideal Operating temperature range:

+20°C (+68°F) to +32°C (+90°F)

Storage time from a fully charged condition:

24 months at 20°C / 68°F.

For each 9°C / 15°F rise, reduce the storage time by half.

Designed in Quality Manufacturing

Advanced Germany technology and the use of the most modern computer-aided design and manufacturing techniques combine to make EverExceed's Gellyte Range Batteries the ideal power solution for your applications. Each and every unit is capacity tested.

Applications

Solar & Wind energy system
Mobile communication system
Emergency lighting system
Radio and Broadcasting station
Cathodic Protection system
Power plant and Power transformer system

Compliant Standards

IEC 60896-21/22-2004

DIN 43539-T5

BS 6290 PART 4

IEC 61427-2005

YD/T 1360-2005

UL Compliant

Innovative Features

- ◆ Deep cycle battery designed, GEL electrolyte with highly porous glass micro-fibre separator;
- ◆ Sulfuric acid thixotropic gel, gel powder from Europe leading supplier to ensure the unique performance of gel battery;
- ◆ Exceptional energy storage capacity combined with long life - BCI Classification;
- ◆ Thick positive plate design for maximum service float life - 12 years design life @ 20°C (68°F);
- ◆ Thickness positive plate plus optimized plate alloy to anti-corrosion;
- ◆ UL Recognized component;
- ◆ Spill-proof and leak-proof;
- ◆ Maintenance-free (no topping up) during the whole service life due to EverExceed GEL technology;
- ◆ Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection.
- ◆ Flame-arresting one-way pressure-relief vent for safe and long life;
- ◆ Electrolyte in solid gel form will not stratify no equalization charge required;
- ◆ Increased durability and deep cycle ability for heavy duty applications;
- ◆ Fully tank formed grid Lead Calcium Tin plate ensures voltage matching between cells;
- ◆ Shelf life up to 2 years at 20°C (68°F), very low gassing due to internal gas recombination;
- ◆ Unique performance against high temperature.

Specifications

Voltage	6 & 12 volts nominal
Plate alloy	Calcium-Tin alloy
Element, post	Silver plated Copper female insert
Container/cover	Reinforced ABS, UL V-0 on request
Specific	1.280
Electrolyte	Sulfuric acid thixotropic solid gel
Vent	Self sealing (2 PSI operation)

No transport restrictions

Surface transport. Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189.

Marine transport. Classified as non-hazardous material as per IMDG amendment 27.

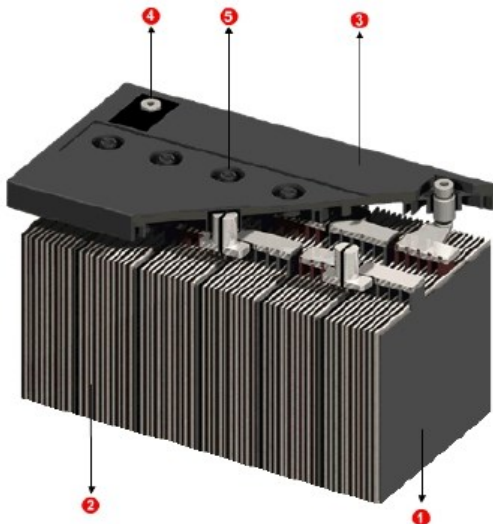
Air transport. Complies with IATA/ICAO, Special provision A67.



GEL BATTERY CONSTRUCTION - The positive and negative grids are cast from a calcium / tin lead alloy to reduce grid growth and corrosion. The active material is manufactured from high purity lead (99.9999%) to minimize the negative effects of impurities.

Gel Separator is mat of random woven acid resistant glass fibres. "U wrapping" is employed to eliminate the risk of short circuits due to mossing and debris at the bottom of the cell.

The purpose of the separator is to maintain a constant distance between the positive and negative plates, thus removing the possibility of short circuits whilst allowing the active material to fully react with the electrolyte. The random weaving also results in an open structure, which offers minimal resistance to the flow of electrolyte during filling.



Plates: Pb-Ca-Tin-Al lead alloy, optimized for high corrosion resistance.

Separator: Highly porous glass micro-fibre separator, optimized for low internal resistance, for maximum absorption of the electrolyte and for electrical separation.

Standard Housing: Reinforced ABS (UL 94HB) container and cover.

Optional Housing: Flame-retardant reinforced ABS container and cover compliant with U.L.94 V-0 with an Oxygen limiting Index of greater than 28%.

Terminals: Silver plated Copper female insert for easy and safe assembly and maintenance free connection with excellent conductivity.

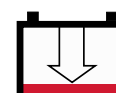
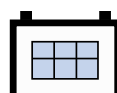
Valves: Release gas in case of excess pressure and protects the cell against atmosphere.

GELLED ELECTROLYTE FILLING - Gelled electrolyte is filled into the cell by means of custom-built vacuum filling machines. To achieve reliable performance it is vitally important that the electrolyte achieves full penetration of the separators and plates therefore, vacuum cycling is utilized after the filling process. To ensure each cell has the correct amount of gel, the cells are first overfilled, the extra gel then removed. The V.R.L.A. Gel battery design and construction negates the need for electrolyte addition and the battery remains maintenance free throughout its design life.

SAFETY RELEASE VALVE - Those Gel batteries will operate above atmospheric pressure under normal operating conditions, however the maximum pressure is governed by the safety one-way release valve. Open action is activated by internal pressures in excess of approx. 2 PSI (14Kpa), resealing at approx. 1.2 PSI (8.4Kpa).

GAS RECOMBINATION - The gasses generated during normal operation of the battery are internally recombined. In fact more than 99% of the gas achieves recombination.

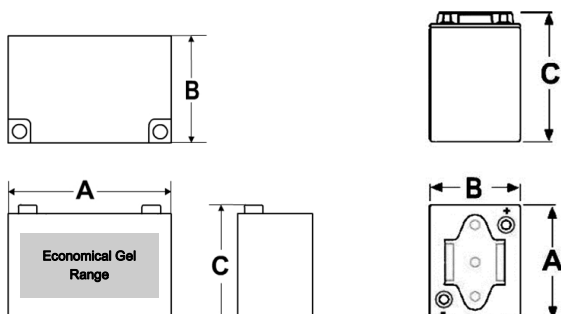
TERMINAL CONSTRUCTION - The contact quality between the copper insert female terminal and the lead post is of vital importance during short duration / high Amps discharge. Elevated terminal temperatures are the result of poor contact, eventually causing seal degradation and electrolyte leaks. EverExceed's tin plated copper terminal design and fusion welding plus epoxy sealing assembly technique for terminal casting ensures trouble free operation and high performance.



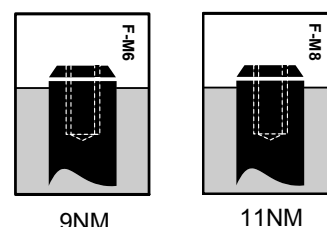
Gellyte Range Electrical Specifications & Dimensions

Battery Model	Nom. Voltage (V)	Capacity C20 1.75VPC @ 20°C	Capacity C100 1.75VPC @ 20°C	Short Circuit Amps	Internal Resistance Milli-ohms	Terminal Type	Battery Weight (kg/lb)	Outline Dimensions (mm/inch)					
								Length		Width		Height	
GL-1218	12	18	19.5	643	14.4	F-M5	5.7 12.2	181	7.13	76	2.99	167	6.57
GL-1220	12	20	22	834	12.5	F-M5	6.3 13.5	181	7.13	76	2.99	167	6.57
GL-1226	12	26	28	1206	11.5	F-M5	8.3 17.9	166	6.54	175	6.89	126	4.96
GL-1228	12	28	30	1219	11.1	F-M5	8.5 18.3	166	6.54	175	6.89	126	4.96
GL-1235	12	35	38	1530	9.6	F-M6	10.8 23.4	195	7.68	130	5.12	154	6.06
GL-1240	12	40	43	1734	8.5	F-M6	13.5 29.3	197	7.76	165	6.5	172	6.78
GL-1250	12	50	55	1785	7.2	F-M6	14.5 31.3	197	7.76	165	6.5	172	6.78
GL-1255	12	55	60	1836	6.7	F-M6	17.0 36.8	230	9.06	137	5.39	210	8.27
GL-1260	12	60	65	1938	6.3	F-M6	20.0 43.4	350	13.8	168	6.62	178	7.01
GL-1270	12	70	76	2040	5.8	F-M6	21.5 46.7	350	13.8	168	6.62	178	7.01
GL-1280	12	80	86	2142	5.4	F-M6	22.5 48.9	259	10.2	168	6.62	215	8.5
GL-1290	12	90	98	2448	5.0	F-M6	23.0 50.0	259	10.2	168	6.62	215	8.5
GL-12100	12	100	108	2703	4.1	F-M6	27.0 58.8	305	12	168	6.62	215	8.5
GL-12110	12	110	120	2958	3.8	F-M6	29.5 64.3	305	12	168	6.62	215	8.5
GL-12120	12	120	130	3060	3.4	F-M8	31.5 68.7	332	13.1	174	6.86	220	8.67
GL-12135	12	135	146	3366	3.0	F-M8	36.5 79.1	408	16.1	175	6.9	210	8.27
GL-12150	12	150	162	3825	2.7	F-M8	42.0 91.2	340	13.4	173	6.81	288	11.3
GL-12165	12	165	178	4284	2.6	F-M8	45.0 97.8	480	18.9	170	6.7	240	9.45
GL-12180	12	180	195	4794	2.5	F-M8	50.0 108.8	530	20.9	210	8.27	220	8.67
GL-12200	12	200	216	5508	2.5	F-M8	56.0 122.0	530	20.9	210	8.27	220	8.67
GL-12230	12	230	250	5508	2.4	F-M8	62.0 135.2	520	20.5	238	9.37	220	8.67
GL-12250	12	250	270	6018	2.2	F-M8	62.5 136.3	520	20.5	269	10.6	210	8.27
GL-12280	12	280	302	6222	2.1	F-M8	69.5 151.7	520	20.5	269	10.6	225	8.86
GL-12300	12	300	325	6426	1.9	F-M8	75.0 163.8	520	20.5	269	10.6	225	8.86
GL-675	6	75	81	1836	4.0	F-M6	11.3 23.7	185	7.3	112	4.39	205	8.06
GL-6135	6	135	146	3264	3.7	F-M6	17.0 36.2	195	7.68	170	6.69	210	8.27
GL-6165	6	165	180	4590	3.4	F-M8	24.5 52.7	260	10.2	180	7.09	252	9.92
GL-6200	6	200	216	4896	3.2	F-M8	28.0 60.4	306	12	168	6.61	225	8.86
GL-6230	6	230	250	5100	2.6	F-M8	32.0 69.2	322	12.7	178	7.01	230	9.06
GL-6240	6	240	260	5324	2.4	F-M8	34.0 73.6	243	9.57	188	7.40	275	10.8
GL-6250	6	250	270	5712	2.3	F-M8	34.5 74.7	322	12.7	178	7.01	230	9.06
GL-6300	6	300	325	6120	2.1	F-M8	47.0 102.2	295	11.6	178	7.01	345	13.6
GL-6330	6	330	356	6732	1.9	F-M8	48.0 104.4	295	11.6	178	7.01	345	13.6
GL-6400	6	400	432	8160	1.6	F-M8	56.0 122.0	295	11.6	180	7.09	426	16.8

Actual Battery Dimensions may vary by +1%



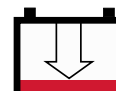
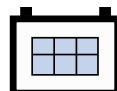
Terminal and Torque



Gellyte Range Discharge Ampere Hours Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Ampere Hours @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1218	1.8	42.6	31.6	25.0	16.4	12.0	10.0	1.85	10.9	11.1	11.8	12.4	13.1	14.2	15.1	15.5	16.8	17.0	18.5
	1.75	48.9	35.4	27.1	16.7	12.6	10.2	1.8	11.6	11.8	12.6	13.1	13.6	15.1	15.5	16.1	17.0	17.5	19.1
	1.67	52.1	38.6	28.7	16.9	12.9	10.5	1.75	12.0	12.0	12.9	13.5	13.9	15.3	15.9	16.3	18.0	18.0	19.5
GL-1220	1.8	47.2	35.1	27.7	18.2	13.4	11.1	1.85	12.1	12.3	13.2	13.9	14.5	15.8	16.7	17.2	18.7	18.9	20.9
	1.75	54.3	39.3	30.1	18.6	14.0	11.3	1.8	13.0	13.2	14.0	14.6	15.1	16.7	17.2	18.0	18.9	19.5	21.6
	1.67	57.9	42.8	31.8	18.8	14.2	11.6	1.75	13.4	13.4	14.3	15.0	15.4	16.9	17.6	18.1	20.0	20.0	22.0
GL-1226	1.8	61.2	45.6	36.0	23.7	17.2	14.5	1.85	15.7	16.0	17.1	18.1	18.7	20.5	21.8	22.3	24.2	24.6	26.6
	1.75	70.5	51.0	39.1	24.1	18.1	14.7	1.8	16.8	17.1	18.1	19.0	19.6	21.7	22.3	23.2	24.5	25.3	27.5
	1.67	75.4	55.5	41.2	24.5	18.5	15.1	1.75	17.2	17.4	18.6	19.6	20.1	21.9	23.0	23.5	26.0	26.1	28.0
GL-1228	1.8	65.9	49.1	38.8	25.5	18.6	15.6	1.85	16.9	17.2	18.5	19.5	20.1	22.0	23.5	24.1	26.1	26.4	28.5
	1.75	76.0	54.9	42.1	26.0	19.5	15.8	1.8	18.1	18.5	19.5	20.4	21.1	23.4	24.1	25.0	26.4	27.2	29.4
	1.67	81.1	59.8	44.4	26.3	19.9	16.2	1.75	18.6	18.8	20.0	21.0	21.6	23.7	24.7	25.2	28.0	28.1	30.0
GL-1235	1.8	82.4	61.3	48.5	31.8	23.2	19.5	1.85	21.2	21.5	23.1	24.3	25.2	27.5	29.3	30.1	32.6	33.0	36.1
	1.75	95.0	68.6	52.6	32.4	24.4	19.8	1.8	22.6	23.1	24.4	25.5	26.5	29.2	30.1	31.2	32.9	34.1	37.3
	1.67	101	74.8	55.5	32.8	24.8	20.3	1.75	23.2	23.4	25.0	26.3	27.0	29.6	30.9	31.5	35.0	35.1	38.0
GL-1240	1.8	94.2	70.2	55.4	36.4	26.5	22.4	1.85	24.4	24.7	26.4	27.9	28.9	31.5	33.7	34.6	37.4	37.7	40.9
	1.75	109	78.5	60.3	37.1	27.9	22.7	1.8	25.9	26.4	28.1	29.3	30.5	33.5	34.5	35.7	37.7	39.2	42.2
	1.67	116	85.5	63.5	37.5	28.5	23.4	1.75	26.6	26.7	28.6	30.1	31.0	33.9	35.4	36.1	40.0	40.2	43.0
GL-1250	1.8	122	91.7	72.7	49.4	35.8	29.4	1.85	31.1	32.4	35.1	36.1	37.1	40.5	41.7	42.7	47.3	49.0	52.3
	1.75	144	105	78.2	49.9	36.5	30.0	1.8	31.9	34.1	36.5	38.3	39.4	42.9	44.7	45.5	49.5	50.7	53.9
	1.67	153	111	82.8	50.5	37.5	30.8	1.75	33.3	34.9	37.7	39.3	40.4	44.1	45.9	46.9	50.0	51.9	55.0
GL-1255	1.8	135	101	79.9	54.3	39.4	32.3	1.85	34.2	35.7	38.6	39.8	40.8	44.5	45.8	46.9	51.9	53.8	57.1
	1.75	159	115	86.0	54.9	40.1	33.0	1.8	35.1	37.3	40.1	42.0	43.2	47.2	49.1	50.1	54.3	55.7	58.8
	1.67	168	123	91.0	55.5	41.2	33.9	1.75	36.6	38.4	41.5	43.1	44.4	48.5	50.4	51.5	55.0	57.0	60.0
GL-1260	1.8	147	110	87.2	59.2	42.9	35.2	1.85	37.2	39.0	42.0	43.4	44.6	48.6	50.0	51.2	56.7	58.7	61.8
	1.75	173	125	93.8	59.9	43.7	36.0	1.8	38.3	40.8	43.7	45.8	47.2	51.5	53.6	54.6	59.2	60.7	63.7
	1.67	184	135	99.2	60.5	45.0	36.9	1.75	39.9	41.8	45.3	47.1	48.5	52.8	55.0	56.1	60.0	62.2	65.0
GL-1270	1.8	171	128	101	64.8	48.6	40.0	1.85	44.4	44.8	48.0	50.2	52.1	56.7	58.4	59.7	64.7	66.6	72.3
	1.75	197	143	109	67.5	50.5	41.9	1.8	46.2	47.7	50.8	53.4	55.0	60.2	62.6	63.8	68.0	70.5	74.5
	1.67	212	156	115	70.0	52.1	42.6	1.75	46.7	49.0	52.3	54.7	56.6	61.6	64.3	65.6	70.0	72.5	76.0
GL-1280	1.8	197	146	115	74.0	55.4	45.6	1.85	48.0	51.4	54.8	57.5	59.6	64.9	66.8	68.3	74.4	77.1	81.8
	1.75	225	164	125	79.7	59.4	49.2	1.8	50.8	54.5	58.1	60.8	63.2	68.9	71.6	72.9	77.8	80.6	84.3
	1.67	244	177	135	82.5	61.4	51.4	1.75	52.2	55.8	59.6	62.4	64.8	70.5	73.4	74.9	80.0	82.7	86.0

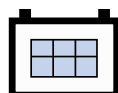
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Ampere Hours Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Ampere Hours @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1290	1.8	222	166	131	85.0	61.8	52.1	1.85	54.0	57.5	61.6	64.4	66.7	72.7	75.0	77.5	83.4	84.6	93.2
	1.75	255	183	141	86.8	64.8	53.6	1.8	57.0	61.2	65.3	68.3	70.7	77.1	80.2	81.7	87.4	89.2	96.1
	1.67	275	201	149	90.1	66.8	54.9	1.75	58.5	62.6	66.8	70.0	72.7	79.2	82.4	83.9	90.0	91.8	98.0
GL-12100	1.8	245	184	146	93.0	69.6	57.1	1.85	60.0	64.4	68.6	71.8	74.6	81.2	84.2	87.6	93.0	95.6	103
	1.75	284	206	158	96.6	72.2	59.7	1.8	64.2	68.1	72.8	76.2	79.1	85.7	89.5	91.3	97.4	100	106
	1.67	307	224	165	100	74.6	61.2	1.75	65.2	69.8	74.7	77.9	80.6	88.1	92.2	93.9	100	103	108
GL-12110	1.8	269	203	161	105	76.7	64.7	1.85	65.9	70.5	75.4	79.1	81.5	88.8	91.7	95.3	103	105	114
	1.75	311	227	173	107	79.4	65.6	1.8	71.5	74.8	80.1	83.5	86.6	94.4	97.9	100	107	108	118
	1.67	338	247	183	109	81.7	67.2	1.75	76.2	76.6	81.8	85.9	88.6	97.1	101	102	110	114	120
GL-12120	1.8	294	220	174	113	84.5	69.3	1.85	72.1	77.4	82.5	87.2	91.1	99.1	104	111	114	116	124
	1.75	343	248	191	117	86.8	71.8	1.8	77.5	82.1	87.5	92.0	95.6	104	107	119	118	120	127
	1.67	368	270	200	121	89.4	73.7	1.75	80.1	84.0	89.4	93.8	98.3	106	110	121	120	124	130
GL-12135	1.8	328	246	195	126	94.1	77.3	1.85	80.6	86.4	92.4	97.7	101	112	116	124	126	128	139
	1.75	383	276	211	130	96.8	80.3	1.8	86.6	91.5	97.7	102	107	116	120	135	132	135	143
	1.67	411	303	222	137	100	82.3	1.75	89.8	94.1	100	106	109	119	123	137	135	138	146
GL-12150	1.8	365	274	219	141	104	85.8	1.85	89.9	96.1	103	108	113	121	124	126	137	140	154
	1.75	422	308	235	146	108	88.9	1.8	96.1	101	108	114	118	128	134	136	145	148	159
	1.67	457	336	247	149	110	91.6	1.75	97.8	104	112	118	121	133	137	141	150	154	162
GL-12165	1.8	404	303	240	154	116	94.8	1.85	99.3	106	114	120	124	134	138	140	151	154	169
	1.75	466	340	258	162	119	98.4	1.8	106	112	120	125	130	141	147	150	161	165	175
	1.67	505	370	272	165	122	101	1.75	107	116	123	130	134	146	151	154	165	169	178
GL-12180	1.8	441	330	262	167	125	106	1.85	107	115	123	129	135	149	153	157	168	168	185
	1.75	510	371	284	174	135	106	1.8	115	123	131	137	143	154	161	164	176	179	191
	1.67	550	402	298	180	136	110	1.75	118	125	135	141	145	159	165	169	180	185	195
GL-12200	1.8	491	368	291	186	141	118	1.85	120	128	137	144	149	165	170	174	187	186	205
	1.75	569	414	315	194	148	120	1.8	128	137	146	152	158	171	179	183	195	200	212
	1.67	612	448	329	200	150	122	1.75	132	141	149	157	161	177	184	188	200	206	216
GL-12230	1.8	562	421	334	212	161	135	1.85	139	148	157	164	170	190	196	200	214	214	238
	1.75	652	474	362	223	169	138	1.8	148	157	166	174	182	197	204	209	222	228	245
	1.67	701	513	377	228	173	141	1.75	150	161	170	180	185	203	210	216	230	235	250
GL-12250	1.8	610	458	362	231	175	147	1.85	151	160	170	179	186	206	212	217	233	232	257
	1.75	709	515	393	243	185	149	1.8	160	170	181	190	197	213	222	226	241	250	265
	1.67	762	557	410	248	189	153	1.75	163	175	186	196	201	220	230	235	250	256	270

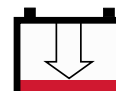
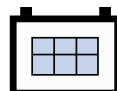
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Ampere Hours Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Ampere Hours @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-12280	1.8	683	512	406	259	196	164	1.85	169	180	191	200	208	231	238	244	260	263	287
	1.75	795	577	440	271	207	167	1.8	180	191	202	212	221	239	249	254	270	281	296
	1.67	853	624	460	277	211	171	1.75	184	196	208	219	224	247	257	263	280	289	302
GL-12300	1.8	732	549	435	277	210	175	1.85	182	192	205	214	222	248	255	261	279	282	309
	1.75	851	618	471	291	221	180	1.8	192	205	216	227	237	256	266	272	290	301	319
	1.67	914	668	493	298	226	184	1.75	196	210	222	235	241	264	275	282	300	309	325
GL-675	1.8	184	138	111	71	53	43	1.85	45	48	52	55	57	61	62	63	68.6	71	77
	1.75	213	155	118	73	54	45	1.8	48	51	55	57	59	64	67	69	72.9	75	79
	1.67	231	169	124	75	55	46	1.75	49	53	57	59	61	67	69	71	75.0	78	81
GL-6135	1.8	330	248	196	128	95	78	1.85	81	87	93	98	103	111	116	124	128	132	139
	1.75	386	278	214	132	98	81	1.8	87	92	99	103	107	116	120	135	133	137	143
	1.67	414	305	225	137	100	83	1.75	90	95	100	105	110	119	123	137	135	141	146
GL-6165	1.8	402	302	241	155	114	94	1.85	99	106	113	119	124	133	137	139	151	156	171
	1.75	465	339	258	160	118	98	1.8	106	111	119	125	131	140	147	150	159	164	176
	1.67	503	369	271	163	121	101	1.75	108	114	123	131	133	146	151	155	165	170	180
GL-6200	1.8	491	368	291	186	141	118	1.85	120	128	137	144	149	165	170	174	187	188	205
	1.75	569	414	315	194	148	120	1.8	128	137	146	152	158	171	179	183	195	201	212
	1.67	612	448	329	200	150	122	1.75	132	141	149	157	161	177	184	188	200	208	216
GL-6230	1.8	562	421	334	212	161	135	1.85	139	148	157	164	170	190	196	200	214	216	238
	1.75	652	474	362	223	169	138	1.8	148	157	166	174	182	197	204	209	222	231	245
	1.67	701	513	377	228	173	141	1.75	150	161	170	180	185	203	210	216	230	238	250
GL-6240	1.8	587	440	348	221	168	141	1.85	145	154	164	171	177	198	204	209	223	225	247
	1.75	680	495	377	234	176	144	1.8	154	164	173	182	190	205	213	218	232	241	255
	1.67	731	536	394	239	181	147	1.75	156	168	177	188	193	212	219	225	240	248	260
GL-6250	1.8	610	458	362	231	174	147	1.85	161	171	184	191	199	220	227	233	233	235	257
	1.75	709	516	393	243	185	150	1.8	171	184	193	203	210	228	235	244	241	250	265
	1.67	761	557	410	248	189	153	1.75	174	187	199	208	215	236	245	251	250	258	270
GL-6300	1.8	732	550	435	276	209	176	1.85	182	192	206	214	223	248	255	261	280	282	309
	1.75	851	619	471	292	221	180	1.8	192	206	217	227	237	256	267	273	289	300	319
	1.67	913	668	492	298	226	184	1.75	196	209	222	234	241	264	274	282	300	310	325
GL-6330	1.8	806	605	478	304	231	194	1.85	200	211	226	236	246	272	281	288	308	310	339
	1.75	935	681	518	321	244	198	1.8	211	226	239	250	260	282	294	301	318	329	349
	1.67	1005	735	541	327	249	202	1.75	215	231	245	257	265	291	302	310	330	341	356
GL-6400	1.8	976	733	579	368	278	236	1.85	242	256	274	286	298	330	340	348	373	375	411
	1.75	1134	825	628	389	295	240	1.8	256	274	290	303	315	342	356	364	385	400	424
	1.67	1217	890	656	397	302	245	1.75	261	278	297	311	321	352	366	375	400	413	432

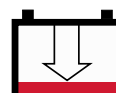
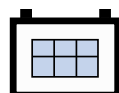
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Amps Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Amps @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1218	1.8	42.6	31.6	25.0	16.4	12.0	10.0	1.85	7.29	5.57	3.97	3.12	2.61	1.79	1.51	1.30	0.84	0.714	0.185
	1.75	48.9	35.4	27.1	16.7	12.6	10.2	1.8	7.76	5.90	4.20	3.28	2.73	1.89	1.55	1.35	0.85	0.724	0.191
	1.67	52.1	38.6	28.7	16.9	12.9	10.5	1.75	8.00	6.04	4.28	3.41	2.77	1.91	1.59	1.39	0.90	0.755	0.195
GL-1220	1.8	47.2	35.1	27.7	18.2	13.4	11.1	1.85	8.11	6.18	4.38	3.47	2.90	1.98	1.67	1.44	0.93	0.785	0.209
	1.75	54.3	39.3	30.1	18.6	14.0	11.3	1.8	8.62	6.56	4.66	3.64	3.03	2.09	1.72	1.49	0.94	0.806	0.216
	1.67	57.9	42.8	31.8	18.8	14.2	11.6	1.75	8.87	6.70	4.75	3.76	3.08	2.12	1.76	1.50	1.00	0.836	0.220
GL-1226	1.8	61.2	45.6	36.0	23.7	17.2	14.5	1.85	10.5	8.01	5.71	4.52	3.73	2.56	2.18	1.87	1.21	1.02	0.266
	1.75	70.5	51.0	39.1	24.1	18.1	14.7	1.8	11.2	8.57	6.03	4.73	3.93	2.71	2.23	1.93	1.22	1.05	0.275
	1.67	75.4	55.5	41.2	24.5	18.5	15.1	1.75	11.5	8.70	6.20	4.89	4.01	2.74	2.30	1.95	1.30	1.09	0.280
GL-1228	1.8	65.9	49.1	38.8	25.5	18.6	15.6	1.85	11.3	8.62	6.15	4.87	4.03	2.75	2.35	2.01	1.30	1.10	0.285
	1.75	76.0	54.9	42.1	26.0	19.5	15.8	1.8	12.0	9.23	6.49	5.10	4.23	2.92	2.41	2.08	1.32	1.13	0.294
	1.67	81.1	59.8	44.4	26.3	19.9	16.2	1.75	12.3	9.36	6.68	5.26	4.32	2.96	2.47	2.10	1.40	1.17	0.300
GL-1235	1.8	82.4	61.3	48.5	31.8	23.2	19.5	1.85	14.1	10.8	7.67	6.07	5.04	3.45	2.93	2.51	1.63	1.38	0.361
	1.75	95.0	68.6	52.6	32.4	24.4	19.8	1.8	15.1	11.5	8.13	6.36	5.29	3.65	3.01	2.60	1.65	1.42	0.373
	1.67	101	74.8	55.5	32.8	24.8	20.3	1.75	15.5	11.7	8.34	6.58	5.41	3.70	3.09	2.62	1.75	1.46	0.380
GL-1240	1.8	94.2	70.2	55.4	36.5	26.5	22.3	1.85	16.3	12.4	8.80	6.98	5.78	3.94	3.37	2.88	1.87	1.57	0.409
	1.75	109	78.5	60.2	37.1	27.8	22.8	1.8	17.3	13.2	9.37	7.33	6.10	4.19	3.45	2.98	1.89	1.63	0.422
	1.67	116	85.6	63.4	37.7	28.5	23.4	1.75	17.7	13.4	9.53	7.53	6.20	4.24	3.54	3.01	2.00	1.68	0.430
GL-1250	1.8	122	91.7	72.7	49.4	35.8	29.4	1.85	20.8	16.2	11.7	9.04	7.44	5.06	4.17	3.56	2.36	2.04	0.523
	1.75	144	105	78.2	49.9	36.5	30.0	1.8	21.3	17.0	12.1	9.57	7.87	5.38	4.47	3.79	2.47	2.11	0.539
	1.67	153	111	82.8	50.5	37.5	30.8	1.75	22.1	17.4	12.5	9.82	8.08	5.51	4.59	3.91	2.50	2.16	0.550
GL-1255	1.8	135	101	79.9	54.3	39.4	32.3	1.85	22.7	17.9	12.9	9.95	8.17	5.56	4.58	3.91	2.60	2.24	0.571
	1.75	159	115	86.0	54.9	40.1	33.0	1.8	23.4	18.7	13.4	10.5	8.65	5.90	4.91	4.17	2.72	2.32	0.588
	1.67	168	123	91.0	55.5	41.2	33.9	1.75	24.4	19.2	13.9	10.8	8.88	6.06	5.04	4.28	2.75	2.38	0.600
GL-1260	1.8	147	110	87.2	59.2	42.9	35.2	1.85	24.9	19.5	14.0	10.8	8.91	6.07	5.00	4.26	2.83	2.45	0.618
	1.75	173	125	93.8	59.9	43.7	36.0	1.8	25.5	20.4	14.6	11.4	9.44	6.44	5.36	4.55	2.96	2.53	0.637
	1.67	184	135	99.2	60.5	45.0	36.9	1.75	26.6	20.9	15.1	11.7	9.69	6.60	5.50	4.68	3.00	2.59	0.650
GL-1270	1.8	171	128	101	64.8	48.6	40.0	1.85	29.6	22.4	16.0	12.5	10.4	7.09	5.84	4.98	3.24	2.77	0.723
	1.75	197	143	109	67.5	50.5	41.9	1.8	30.8	23.9	16.9	13.4	11.0	7.53	6.26	5.30	3.40	2.94	0.745
	1.67	212	156	115	70.0	52.1	42.6	1.75	31.1	24.5	17.4	13.7	11.3	7.70	6.43	5.47	3.50	3.02	0.760
GL-1280	1.8	197	146	115	74.0	55.4	45.6	1.85	32.0	25.7	18.3	14.4	11.9	8.11	6.68	5.69	3.72	3.21	0.818
	1.75	225	164	125	79.7	59.4	49.2	1.8	33.9	27.2	19.4	15.2	12.6	8.60	7.16	6.08	3.89	3.36	0.843
	1.67	244	177	135	82.5	61.4	51.4	1.75	34.9	27.9	19.9	15.6	13.0	8.81	7.34	6.24	4.00	3.45	0.860

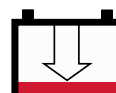
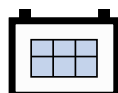
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Amps Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Amps @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1290	1.8	222	166	131	85.0	61.8	52.1	1.85	35.9	28.8	20.5	16.1	13.4	9.09	7.50	6.46	4.22	3.51	0.932
	1.75	255	183	141	86.8	64.8	53.6	1.8	38.0	30.6	21.7	17.1	14.2	9.64	8.02	6.81	4.37	3.75	0.961
	1.67	275	201	149	90.1	66.8	54.9	1.75	39.1	31.3	22.2	17.4	14.6	9.89	8.24	7.00	4.50	3.87	0.980
GL-12100	1.8	245	184	146	93.0	69.6	57.1	1.85	40.0	32.1	22.8	18.0	14.9	10.1	8.42	7.30	4.65	4.03	1.03
	1.75	284	206	158	96.6	72.2	59.7	1.8	42.7	34.1	24.3	19.1	15.8	10.7	8.95	7.61	4.87	4.21	1.06
	1.67	307	224	165	100	74.6	61.2	1.75	43.5	34.9	24.9	19.5	16.1	11.0	9.22	7.83	5.00	4.32	1.08
GL-12110	1.8	269	203	161	105	76.7	64.7	1.85	44.0	35.3	25.1	19.8	16.3	11.1	9.17	7.94	5.15	4.42	1.14
	1.75	311	227	173	107	79.4	65.6	1.8	47.6	37.4	26.7	20.9	17.3	11.8	9.79	8.31	5.33	4.56	1.18
	1.67	338	247	183	109	81.7	67.2	1.75	50.8	38.3	27.2	21.5	17.7	12.1	10.1	8.54	5.50	4.78	1.20
GL-12120	1.8	294	220	174	113	84.5	69.3	1.85	48.0	38.7	27.5	21.8	18.3	12.4	10.4	9.23	5.69	4.88	1.24
	1.75	343	248	191	117	86.8	71.8	1.8	51.7	41.0	29.2	23.1	19.1	13.0	10.7	10.0	5.91	5.06	1.27
	1.67	368	270	200	121	89.4	73.7	1.75	53.3	42.0	29.8	23.5	19.7	13.3	11.0	10.1	6.00	5.21	1.30
GL-12135	1.8	328	246	195	126	94.1	77.3	1.85	53.8	43.2	30.8	24.5	20.3	14.0	11.6	10.4	6.31	5.41	1.39
	1.75	383	276	211	130	96.8	80.3	1.8	57.7	45.8	32.5	25.5	21.3	14.6	12.0	11.2	6.62	5.70	1.43
	1.67	411	303	222	137	100	82.3	1.75	59.8	47.1	33.5	26.4	21.8	14.9	12.3	11.4	6.75	5.81	1.46
GL-12150	1.8	365	274	219	141	104	85.8	1.85	59.9	48.0	34.4	27.1	22.6	15.1	12.4	10.5	6.85	5.90	1.54
	1.75	422	308	235	146	108	88.9	1.8	64.1	50.7	36.2	28.5	23.7	15.9	13.4	11.3	7.24	6.22	1.59
	1.67	457	336	247	149	110	91.6	1.75	65.3	52.0	37.3	29.6	24.2	16.5	13.7	11.7	7.50	6.45	1.62
GL-12165	1.8	404	303	240	154	116	94.8	1.85	66.2	52.8	38.0	30.1	24.8	16.6	13.8	11.6	7.53	6.48	1.69
	1.75	466	340	258	162	119	98.4	1.8	70.5	56.1	40.2	31.3	25.9	17.5	14.7	12.4	8.07	6.94	1.75
	1.67	505	370	272	165	122	101	1.75	71.1	57.9	41.1	32.4	26.6	18.3	15.1	12.9	8.25	7.09	1.78
GL-12180	1.8	441	330	262	167	125	106	1.85	71.6	57.7	41.2	32.2	26.8	18.6	15.3	13.1	8.39	7.05	1.85
	1.75	510	371	284	174	135	106	1.8	77.0	61.8	43.6	34.3	28.5	19.3	16.1	13.7	8.78	7.54	1.91
	1.67	550	402	298	180	136	110	1.75	78.8	62.7	44.8	35.2	29.0	19.9	16.5	14.1	9.00	7.76	1.95
GL-12200	1.8	491	368	291	186	141	118	1.85	80.5	64.0	45.6	36.0	29.7	20.7	17.0	14.6	9.34	7.83	2.05
	1.75	569	414	315	194	148	120	1.8	85.3	68.4	48.7	38.0	31.7	21.3	17.9	15.2	9.74	8.38	2.12
	1.67	612	448	329	200	150	122	1.75	87.7	70.3	49.5	39.2	32.2	22.1	18.4	15.7	10.0	8.65	2.16
GL-12230	1.8	562	421	334	212	161	135	1.85	92.4	73.7	52.4	41.1	34.2	23.7	19.6	16.6	10.7	9.00	2.38
	1.75	652	474	362	223	169	138	1.8	98.3	78.6	55.4	43.6	36.2	24.6	20.4	17.4	11.1	9.59	2.45
	1.67	701	513	377	228	173	141	1.75	100	80.4	56.9	44.9	36.9	25.3	21.0	18.0	11.5	9.88	2.50
GL-12250	1.8	610	458	362	231	175	147	1.85	101	80.0	56.8	44.7	37.1	25.8	21.2	18.2	11.6	9.77	2.57
	1.75	709	515	393	243	185	149	1.8	107	85.3	60.1	47.3	39.5	26.6	22.2	18.9	12.1	10.4	2.65
	1.67	762	557	410	248	189	153	1.75	109	87.5	61.9	48.9	40.2	27.5	23.0	19.6	12.5	10.7	2.70

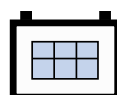
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Amps Data @ 20°C (68°F)

Battery Model	End VPC	Discharge Data Amps @ 20°C						End VPC	Discharge Data Amps @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
5	10	15	30	45	60	1.5	2	3	4	5	8	10	12	20	24	100			
GL-12280	1.8	683	512	406	259	196	164	1.85	113	89.6	63.6	50.0	41.6	28.9	23.8	20.3	13.0	10.9	2.87
	1.75	795	577	440	271	207	167	1.8	119	95.6	67.3	53.0	44.2	29.9	24.9	21.1	13.5	11.7	2.96
	1.67	853	624	460	277	211	171	1.75	122	98.0	69.4	54.8	45.0	30.8	25.7	21.9	14.0	12.0	3.02
GL-12300	1.8	732	549	435	277	210	175	1.85	120	96.0	68.2	53.6	44.6	30.9	25.5	21.7	14.0	11.7	3.09
	1.75	851	618	471	291	221	180	1.8	128	102	72.1	56.8	47.3	32.0	26.6	22.6	14.5	12.5	3.19
	1.67	914	668	493	298	226	184	1.75	131	105	74.3	58.7	48.1	33.0	27.5	23.5	15.0	12.9	3.25
GL-675	1.8	184	138	111	71	53	43	1.85	30.0	24.1	17.3	13.7	11.4	7.6	6.2	5.3	3.43	2.96	0.77
	1.75	213	155	118	73	54	45	1.8	32.1	25.6	18.2	14.3	11.8	8.0	6.7	5.7	3.64	3.14	0.79
	1.67	231	169	124	75	55	46	1.75	32.8	26.3	18.9	14.9	12.1	8.3	6.9	5.9	3.75	3.24	0.81
GL-6135	1.8	330	248	196	128	95	78	1.85	54.1	43.6	31.0	24.5	20.5	14.0	11.6	10.4	6.41	5.49	1.39
	1.75	386	278	214	132	98	81	1.8	58.1	46.2	32.8	25.9	21.5	14.6	12.0	11.2	6.65	5.69	1.43
	1.67	414	305	225	137	100	83	1.75	60.1	47.3	33.5	26.4	22.1	15.0	12.3	11.4	6.75	5.87	1.46
GL-6165	1.8	402	302	241	155	114	94	1.85	65.9	52.8	37.8	29.9	24.9	16.6	13.7	11.6	7.53	6.49	1.71
	1.75	465	339	258	160	118	98	1.8	70.5	55.8	39.8	31.3	26.0	17.4	14.7	12.4	7.96	6.85	1.76
	1.67	503	369	271	163	121	101	1.75	71.7	57.2	41.1	32.5	26.6	18.3	15.1	12.9	8.25	7.09	1.80
GL-6200	1.8	491	368	291	186	141	118	1.85	80.5	64.0	45.6	36.0	29.7	20.7	17.0	14.6	9.34	7.83	2.05
	1.75	569	414	315	194	148	120	1.8	85.3	68.4	48.7	38.0	31.7	21.3	17.9	15.2	9.7	8.38	2.12
	1.67	612	448	329	200	150	122	1.75	87.7	70.3	49.5	39.2	32.2	22.1	18.4	15.7	10.0	8.65	2.16
GL-6230	1.8	562	421	334	212	161	135	1.85	92.4	73.7	52.4	41.1	34.2	23.7	19.6	16.6	10.7	9.00	2.38
	1.75	652	474	362	223	169	138	1.8	98.3	78.6	55.4	43.6	36.2	24.6	20.4	17.4	11.1	9.59	2.45
	1.67	701	513	377	228	173	141	1.75	100	80.4	56.9	44.9	36.9	25.3	21.0	18.0	11.5	9.89	2.50
GL-6240	1.8	587	440	348	221	168	141	1.85	97	76.9	54.7	42.9	35.7	24.7	20.4	17.3	11.2	9.38	2.47
	1.75	680	495	377	234	176	144	1.8	103	82.1	57.8	45.5	37.7	25.6	21.3	18.2	11.6	10.0	2.55
	1.67	731	536	394	239	181	147	1.75	104	83.8	59.4	46.8	38.6	26.4	21.9	18.8	12.0	10.3	2.60
GL-6250	1.8	610	458	362	231	174	147	1.85	107	85.8	61.0	47.8	39.7	27.5	22.7	19.4	11.6	9.8	2.57
	1.75	709	516	393	243	185	150	1.8	113	91.4	64.4	50.6	42.1	28.6	23.5	20.2	12.1	10.4	2.65
	1.67	761	557	410	248	189	153	1.75	115	93.5	66.1	52.1	42.9	29.5	24.5	20.9	12.5	10.7	2.70
GL-6300	1.8	732	550	435	276	209	176	1.85	121	95.9	68.6	53.6	44.7	31.0	25.5	21.7	14.0	11.7	3.09
	1.75	851	619	471	292	221	180	1.8	128	103	72.4	56.9	47.3	32.0	26.7	22.7	14.5	12.5	3.19
	1.67	913	668	492	298	226	184	1.75	131	105	74.2	58.4	48.1	33.0	27.4	23.5	15.0	13.0	3.25
GL-6330	1.8	806	605	478	304	231	194	1.85	134	105	75.5	59.0	49.2	34.1	28.1	23.9	15.4	13.0	3.39
	1.75	935	681	518	321	244	198	1.8	141	113	79.7	62.6	52.0	35.2	29.4	25.0	16.0	13.8	3.49
	1.67	1005	735	541	327	249	202	1.75	144	115	81.6	64.3	52.9	36.3	30.2	25.8	16.5	14.3	3.56
GL-6400	1.8	976	733	579	368	278	236	1.85	161	129	91.5	71.4	59.6	41.3	34.0	29.0	18.7	15.6	4.11
	1.75	1134	825	628	389	295	240	1.8	170	138	96.6	75.8	63.0	42.7	35.6	30.4	19.3	16.6	4.24
	1.67	1217	890	656	397	302	245	1.75	174	140	98.9	77.8	64.3	44.0	36.6	31.3	20.0	17.2	4.32

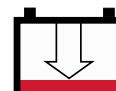
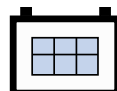
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Watts Per Cell @ 20°C (68°F)

Battery Model	End VPC	Discharge Data WPC @ 20°C						End VPC	Discharge Data Watts Per Cell @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1218	1.8	79.4	59.3	46.7	30.7	22.8	19.4	1.85	13.3	10.7	7.64	6.11	5.08	3.53	2.95	2.58	1.69	1.42	0.38
	1.75	88.2	64.4	49.4	31.1	23.5	19.7	1.8	15.1	11.2	8.10	6.41	5.34	3.66	3.02	2.62	1.74	1.47	0.39
	1.67	91.8	71.0	51.6	31.6	24.7	20.1	1.75	15.8	11.5	8.30	6.56	5.44	3.73	3.08	2.68	1.75	1.49	0.41
GL-1220	1.8	88.1	65.8	51.9	34.1	25.4	21.5	1.85	14.7	11.9	8.49	6.78	5.62	3.92	3.27	2.87	1.88	1.58	0.42
	1.75	98.0	71.5	54.8	34.5	26.1	21.8	1.8	16.7	12.4	9.01	7.08	5.94	4.07	3.36	2.91	1.93	1.63	0.44
	1.67	102	78.8	57.4	35.1	27.4	22.2	1.75	17.3	12.8	9.22	7.29	6.04	4.14	3.43	2.98	1.94	1.66	0.45
GL-1226	1.8	114	85.5	67.5	44.4	33.0	27.9	1.85	19.1	15.5	11.0	8.81	7.31	5.10	4.26	3.73	2.44	2.05	0.55
	1.75	128	93.0	71.2	44.9	34.0	28.4	1.8	21.8	16.2	11.7	9.20	7.71	5.29	4.37	3.77	2.51	2.12	0.57
	1.67	133	102	74.7	45.6	35.6	29.0	1.75	22.5	16.6	12.0	9.48	7.85	5.38	4.46	3.87	2.52	2.16	0.58
GL-1228	1.8	123	92	72.7	47.7	35.6	30.1	1.85	20.6	16.7	11.8	9.50	7.87	5.49	4.59	4.02	2.63	2.21	0.59
	1.75	138	100	76.7	48.3	36.5	30.5	1.8	23.5	17.4	12.6	9.90	8.31	5.70	4.70	4.07	2.70	2.28	0.61
	1.67	143	110	80.4	49.1	38.4	31.1	1.75	24.3	18.0	13.0	10.2	8.46	5.79	4.80	4.16	2.72	2.34	0.63
GL-1235	1.8	154	115	90.9	59.7	44.5	37.6	1.85	25.7	20.9	14.9	11.8	9.84	6.86	5.74	5.02	3.28	2.76	0.74
	1.75	171	125	95.9	60.4	45.7	38.1	1.8	29.3	21.8	15.8	12.3	10.4	7.13	5.88	5.08	3.38	2.86	0.77
	1.67	179	138	100	61.3	47.9	39.0	1.75	30.3	22.3	16.1	12.8	10.6	7.24	6.01	5.21	3.40	2.92	0.79
GL-1240	1.8	176	132	104	68.3	50.8	43.0	1.85	29.5	24.1	17.0	13.6	11.4	7.97	6.74	5.80	3.81	3.20	1.00
	1.75	196	144	110	69.1	52.3	43.7	1.8	33.6	25.0	18.2	14.2	12.0	8.21	6.74	5.83	3.97	3.28	0.89
	1.67	204	157	115	70.2	55.0	44.7	1.75	34.8	25.7	18.6	14.6	12.2	8.39	6.87	6.03	4.05	3.34	1.01
GL-1250	1.8	211	169	136	86.9	66.5	54.3	1.85	38.4	30.9	22.2	17.6	14.7	10.0	8.31	7.09	4.56	3.90	1.07
	1.75	231	179	142	88.2	67.7	56.5	1.8	40.8	32.6	23.5	18.5	15.5	10.6	8.82	7.54	4.85	4.19	1.13
	1.67	249	198	149	91.4	70.3	57.7	1.75	42.5	33.6	23.9	18.9	15.7	10.7	8.95	7.60	4.94	4.25	1.15
GL-1255	1.8	232	187	149	95.6	73.1	59.7	1.85	42.2	34.1	24.5	19.5	16.1	11.0	9.14	7.80	5.01	4.28	1.18
	1.75	253	197	156	97.0	74.6	62.1	1.8	44.9	35.9	25.8	20.4	17.0	11.6	9.70	8.28	5.33	4.62	1.24
	1.67	274	218	164	101	77.3	63.5	1.75	46.7	36.9	26.3	20.8	17.2	11.8	9.84	8.36	5.44	4.68	1.26
GL-1260	1.8	253	203	162	104	79.8	65.1	1.85	46.0	37.1	26.7	21.2	17.6	12.0	10.0	8.51	5.47	4.68	1.29
	1.75	276	215	170	106	81.3	67.8	1.8	49.0	39.1	28.2	22.2	18.6	12.8	10.6	9.04	5.82	5.04	1.37
	1.67	299	238	179	110	84.4	69.4	1.75	51.0	40.3	28.7	22.6	18.8	12.9	10.7	9.12	5.93	5.11	1.39
GL-1270	1.8	295	237	190	121	93.0	76.0	1.85	53.8	43.4	31.1	24.8	20.6	14.1	11.6	9.92	6.38	5.46	1.50
	1.75	322	251	199	123	94.9	79.1	1.8	57.1	45.6	32.8	25.9	21.6	14.9	12.3	10.5	6.79	5.88	1.59
	1.67	349	277	208	128	98.4	80.9	1.75	59.5	46.9	33.5	26.4	21.9	15.0	12.5	10.6	6.92	5.96	1.61
GL-1280	1.8	332	264	216	139	104	87.0	1.85	61.5	49.4	35.7	28.2	23.4	16.1	13.4	11.4	7.32	6.33	1.71
	1.75	358	287	228	145	107	89.5	1.8	64.8	52.4	37.4	29.9	24.8	16.9	14.1	12.0	7.76	6.73	1.81
	1.67	390	309	237	151	114	92.2	1.75	66.4	53.3	38.3	30.2	25.3	17.1	14.5	12.3	7.91	6.84	1.86

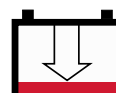
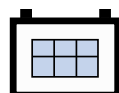
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Watts Per Cell @ 20°C (68°F)

Battery Model	End VPC	Discharge Data WPC @ 20°C						End VPC	Discharge Data Watts Per Cell @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-1290	1.8	411	306	243	160	126	98.0	1.85	69.2	55.6	40.4	31.7	26.8	18.1	14.9	13.1	8.42	7.08	1.89
	1.75	459	334	256	165	130	102	1.8	72.6	58.9	42.0	33.5	28.1	18.9	15.8	13.6	8.70	7.48	2.01
	1.67	489	361	269	169	132	107	1.75	75.2	60.3	43.0	34.0	28.8	19.4	16.2	13.8	8.93	7.64	2.08
GL-12100	1.8	452	322	271	179	150	120	1.85	80.8	62.3	44.8	35.2	29.5	20.4	17.0	14.5	9.30	7.98	2.16
	1.75	488	340	287	191	153	123	1.8	85.0	65.3	47.1	37.1	30.8	21.3	17.7	15.1	9.75	8.40	2.26
	1.67	519	376	302	202	165	128	1.75	87.8	67.0	48.0	37.8	31.5	21.6	18.0	15.5	9.91	8.53	2.33
GL-12110	1.8	486	368	299	200	165	132	1.85	87.8	68.4	49.2	39.0	32.2	22.3	18.4	15.9	10.6	8.63	2.38
	1.75	532	405	316	212	171	138	1.8	95.4	71.9	51.5	40.8	33.9	23.2	19.4	16.5	10.7	9.13	2.46
	1.67	622	498	405	250	192	158	1.75	115	91.6	64.5	51.2	42.4	29.3	24.4	20.7	13.4	11.5	3.14
GL-12120	1.8	489	393	323	214	171	141	1.85	94.6	75.0	53.7	42.8	36.2	24.5	20.7	18.5	11.6	9.5	2.62
	1.75	554	418	343	221	176	146	1.8	98.4	78.7	56.7	45.0	37.3	25.8	21.2	20.1	11.7	10.1	2.72
	1.67	593	443	361	232	181	148	1.75	101	80.5	57.4	45.2	37.9	25.9	21.7	20.3	11.9	10.3	2.81
GL-12135	1.8	611	458	361	234	182	149	1.85	103	83.7	60.2	48.0	40.2	27.7	23.1	20.9	12.7	10.5	2.91
	1.75	600	441	383	243	186	155	1.8	109	87.7	63.1	49.8	41.7	28.9	23.8	22.1	13.2	11.3	3.06
	1.67	630	498	403	248	195	162	1.75	114	90.1	64.6	51.2	42.2	29.2	24.3	22.6	13.5	11.5	3.13
GL-12150	1.8	581	483	403	259	200	165	1.85	115	92.7	67.4	53.8	44.8	30.3	25.3	21.6	14.1	12.0	3.16
	1.75	650	505	425	268	204	170	1.8	123	97.7	70.0	55.4	46.2	31.5	26.3	22.4	14.3	12.3	3.35
	1.67	722	531	448	277	211	176	1.75	125	99.1	72.0	57.3	46.9	32.3	26.8	22.8	14.7	12.8	3.47
GL-12165	1.8	640	532	444	285	220	182	1.85	126	102	74.2	59.1	49.2	33.4	27.7	23.8	15.5	13.3	3.49
	1.75	714	556	468	296	224	188	1.8	136	107	76.9	61.0	50.9	34.7	29.0	24.7	15.8	13.7	3.68
	1.67	795	584	493	305	232	194	1.75	138	109	79.2	63.1	51.7	35.6	29.6	25.2	16.2	14.1	3.81
GL-12180	1.8	761	613	485	311	242	198	1.85	138	114	80.5	63.4	53.2	36.5	30.6	26.6	16.9	14.3	3.78
	1.75	838	668	511	324	248	205	1.8	148	118	84.3	66.7	55.5	38.1	31.8	27.0	17.7	15.1	4.05
	1.67	895	721	539	333	256	209	1.75	153	121	86.4	67.9	56.9	39.2	32.4	27.7	17.9	15.3	4.17
GL-12200	1.8	797	658	539	346	268	220	1.85	155	125	89.3	70.9	58.7	40.6	34.0	29.5	18.8	15.9	4.20
	1.75	872	707	570	361	276	227	1.8	164	131	93.6	74.1	61.8	42.2	35.2	30.2	19.5	16.7	4.51
	1.67	922	738	600	369	285	234	1.75	170	136	95.5	75.9	62.9	43.4	36.1	30.7	19.8	17.0	4.65
GL-12230	1.8	947	749	617	397	307	251	1.85	176	146	103	81.1	67.4	46.5	39.0	34.0	21.7	18.3	4.83
	1.75	1134	814	653	412	316	260	1.8	189	150	107	85.0	70.8	48.5	40.4	34.6	22.0	19.2	5.15
	1.67	1164	871	686	423	326	267	1.75	195	155	109	87.0	72.5	49.8	41.2	35.3	22.7	19.6	5.31
GL-12250	1.8	1044	845	670	431	335	272	1.85	193	158	112	88.1	73.4	50.7	42.3	37.0	23.5	19.8	5.25
	1.75	1200	886	710	448	344	283	1.8	204	162	116	92.1	76.9	52.7	44.0	37.5	23.9	21.0	5.62
	1.67	1306	975	747	459	355	291	1.75	212	169	119	94.6	78.8	54.1	44.8	38.3	24.8	21.2	5.77

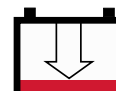
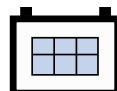
Actual Battery Discharge Data may be +/-5% of figures shown above.



Gellyte Range Discharge Watts Per Cell @ 20°C (68°F)

Battery Model	End VPC	Discharge Data WPC @ 20°C						End VPC	Discharge Data Watts Per Cell @ 20°C										
		Discharge Time In Minutes							Discharge Time In Hours										
		5	10	15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	100
GL-12280	1.8	1170	946	751	483	374	306	1.85	215	176	125	98.7	82.3	56.8	47.3	41.4	26.3	22.2	5.89
	1.75	1343	993	796	502	386	316	1.8	228	183	131	103	86.1	59.1	49.3	42.0	26.7	23.5	6.29
	1.67	1462	1091	836	514	397	325	1.75	238	190	134	106	88.2	60.5	50.2	42.8	27.8	23.8	6.47
GL-12300	1.8	1254	1013	804	518	401	327	1.85	231	190	135	106	88.1	60.9	50.8	44.4	28.2	23.8	6.30
	1.75	1439	1064	852	538	413	339	1.8	246	195	140	110	92.2	63.2	52.7	45.0	28.6	25.2	6.74
	1.67	1567	1170	896	551	425	349	1.75	254	203	143	113	94.6	64.8	53.8	45.8	29.8	25.4	6.93
GL-675	1.8	299	247	202	130	101	83	1.85	58.1	47.0	33.5	26.5	22.0	15.2	12.8	11.0	7.0	5.97	1.58
	1.75	327	265	214	136	104	86	1.8	61.6	49.0	35.1	27.7	23.2	15.8	13.2	11.3	7.3	6.27	1.69
	1.67	346	276	224	139	107	88	1.75	63.8	50.9	35.8	28.5	23.6	16.2	13.6	11.5	7.4	6.39	1.74
GL-6135	1.8	538	444	363	234	182	149	1.85	105	84.6	60.3	47.8	39.6	27.4	23.0	19.9	12.7	10.7	2.85
	1.75	589	477	385	244	187	153	1.8	111	88.1	63.2	50.0	41.7	28.6	23.8	20.4	13.1	11.3	3.05
	1.67	622	498	405	250	192	158	1.75	115	91.6	64.5	51.2	42.4	29.3	24.4	20.7	13.4	11.5	3.14
GL-6165	1.8	657	543	445	286	221	182	1.85	128	103	73.6	58.4	48.5	33.5	28.1	24.3	15.5	13.2	3.47
	1.75	720	583	470	298	228	188	1.8	136	108	77.3	61.1	51.0	34.9	29.0	25.0	16.1	13.8	3.72
	1.67	760	609	495	305	235	193	1.75	141	112	78.7	62.6	51.9	35.7	29.8	25.3	16.4	14.1	3.84
GL-6200	1.8	797	658	539	346	268	220	1.85	155	125	89.3	70.9	58.7	40.6	34.0	29.5	18.8	15.9	4.21
	1.75	872	707	570	361	276	227	1.8	164	131	93.6	74.1	61.8	42.2	35.2	30.2	19.5	16.7	4.52
	1.67	922	738	600	369	285	234	1.75	170	136	95.5	75.9	62.9	43.4	36.1	30.7	19.8	17.0	4.65
GL-6230	1.8	947	749	617	397	307	251	1.85	176	146	103	81.1	67.4	46.5	39.0	34.0	21.7	18.3	4.85
	1.75	1134	814	653	412	316	260	1.8	189	150	107	85.0	70.8	48.5	40.4	34.6	22.0	19.2	5.15
	1.67	1164	871	686	423	326	267	1.75	195	155	109	87.0	72.5	49.8	41.2	35.3	22.7	19.6	5.33
GL-6240	1.8	987	781	644	414	320	262	1.85	185	152	107	84.7	70.4	48.6	40.7	35.4	22.6	19.1	5.06
	1.75	1183	850	681	430	329	271	1.8	197	156	112	88.6	73.8	50.6	42.1	36.1	23.0	20.0	5.38
	1.67	1215	909	716	442	341	278	1.75	203	162	114	90.8	75.7	51.9	43.0	36.8	23.7	20.4	5.57
GL-6250	1.8	1029	814	670	431	335	272	1.85	205	169	120	94.2	78.4	54.2	45.3	39.5	23.6	19.9	5.26
	1.75	1232	884	710	448	344	283	1.8	219	173	124	98.7	82.3	56.4	47.0	40.2	23.9	20.8	5.60
	1.67	1266	947	747	460	355	291	1.75	227	182	126	101	84.4	57.8	47.9	41.0	24.7	21.3	5.79
GL-6300	1.8	1235	977	804	518	402	327	1.85	231	190	135	106	88.1	60.9	50.9	44.5	28.4	23.9	6.45
	1.75	1479	1061	852	538	412	339	1.8	246	195	140	111	92.4	63.3	52.8	45.1	28.7	25.1	6.80
	1.67	1519	1136	897	552	426	349	1.75	255	203	142	113	94.7	65.0	53.9	46.2	29.7	25.7	7.01
GL-6330	1.8	1359	1075	884	570	442	360	1.85	254	209	148	116	96.9	67.0	56.0	49.0	31.2	26.2	7.09
	1.75	1627	1167	937	592	453	372	1.8	270	214	154	122	102	69.7	58.1	49.6	31.6	27.6	7.49
	1.67	1671	1250	986	607	469	384	1.75	281	223	156	124	104	71.5	59.3	50.8	32.7	28.3	7.71
GL-6400	1.8	1647	1303	1072	691	536	437	1.85	307	253	180	142	117	81.2	67.8	59.3	37.9	31.8	8.60
	1.75	1972	1415	1135	717	550	452	1.8	327	260	187	148	123	84.5	70.5	60.1	38.3	33.5	9.07
	1.67	2025	1515	1195	735	568	465	1.75	340	270	189	151	126	86.6	71.8	61.6	39.6	34.3	9.34

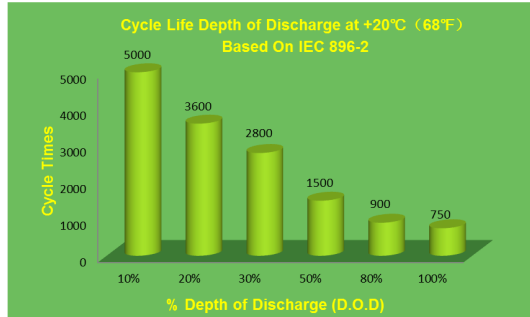
Actual Battery Discharge Data may be +/-5% of figures shown above.



BATTERY CYCLING ABILITY

The EverExceed's Gellyte Range VRLA Battery excels in cycling applications.

Gellyte Range batteries are capable of 5000+ charge / discharge cycles depending on the depth of discharge.



TYPICAL CYCLE PERFORMANCE

CAPACITY WITHDRAWN	CYCLES
10%	5000
20%	3600
30%	2800
50%	1500
80%	900
100%	750

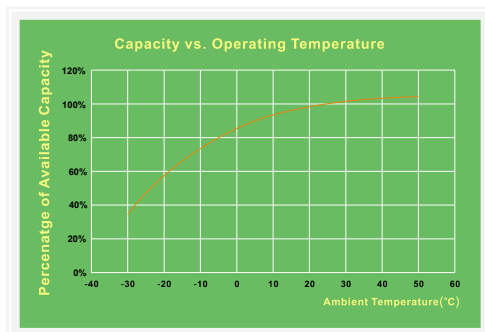
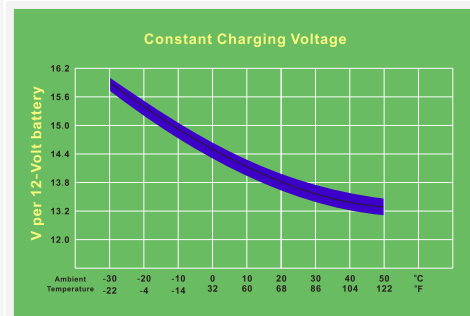
CONSTANT CHARGING VOLTAGE:

Shown is the constant charging voltage in relation to the ambient temperature.

The bandwidth shows a tolerance of $\pm 30\text{mV/cell}$.

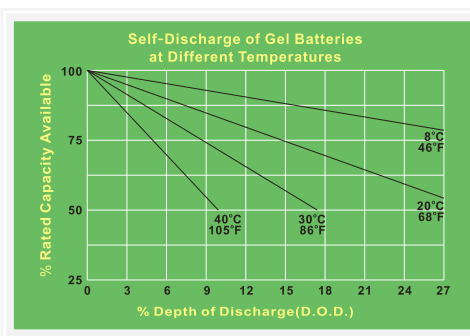
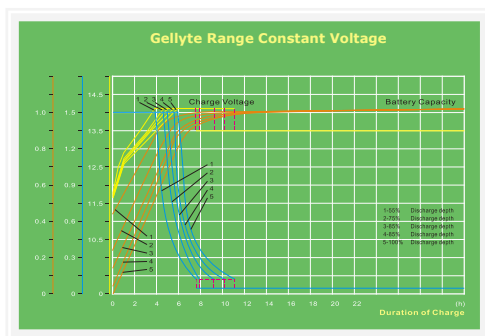
This constant voltage is suitable for continuous charging and cyclic operation.

In a parallel standby (floating) condition it always keeps the battery in a fully charged state; in a cyclic condition, it provides for rapid recharging and high cyclic performance.



CAPACITY VS. OPERATING TEMPERATURES:

Above are the changes in capacity for wider ambient temperature range, giving the available capacity, as a percentage of the rated capacity, at different ambient temperatures. The curves show the behavior of the battery after a number of cycles.



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