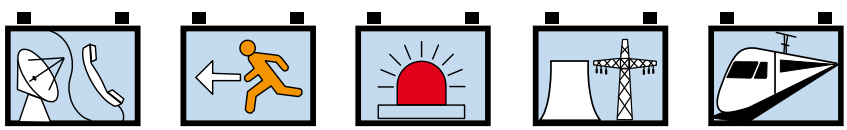
Guarantee

EverExceed®
power your applications

Deep Cycle Gel Range VRLA

»Premium quality for uninterrupted communication«



www.everexceed.com

EverExceed®
power your applications

Deep Cycle Gel Range VRLA

26 Ah to 300 Ah @ C20

The extremely powerful and reliable EverExceed's Deep Cycle Gel Range VRLA batteries perfectly fulfills the requirements for many different applications including 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 +35°C (+95°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 Deep Cycle Gel Range Batteries the ideal power solution for your applications. Each and every unit is capacity tested.

Applications

Telecommunication	Solar / Photovoltaic
Water Pumping	Wind Generation
Residential	RV / Marine
Lighting	Golf cart
Cathodic Protection	Solar Energy

Compliant Standards

IEC 60896-21/22-2004	IEC 61427-2005
DIN 43539-T5	YD/T 1360-2005
GB/T 22473-2008	UL Compliant
BS 6290 PART 4	

Innovative Features

- 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;
- Microporous rubber and corrugated PVC SiO2 separator, the special design increase the high porosity and anti-corrosion and decrease the internal resistance;
- Electrolyte in solid gel form will not stratify no equalization charge required;
- Sulfuric acid thixotropic gel, gel powder from Europe leading supplier to ensure the unique performance of gel battery;
- 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;
- Can be used in any orientation. Upright, side or end mounting recommended;
- 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.

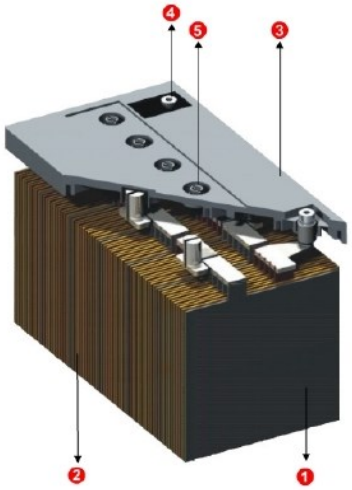
Air transport. Complies with IATA/ICAO, Special provision A67.

Deep Cycle Gel Range VRLA

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 (99.994%) to minimize the negative effects of impurities.

Gel separator is supplied by the leading manufacturer in the field, utilizing the latest world technology. The base material is a microporous duroplastic exhibiting excellent high temperature stability and mechanical strength, resulting in very good resistance to vibration and mechanical shock. The integrity of the battery will be maintained under extreme conditions.

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.



❶ **Plates**: Calcium-Tin alloy, optimized for high corrosion resistance.

❷ **Separator**: Microporous and robust, for Electrical separation of the positive and negative plates and optimized for low internal resistance.

❸ **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%.

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

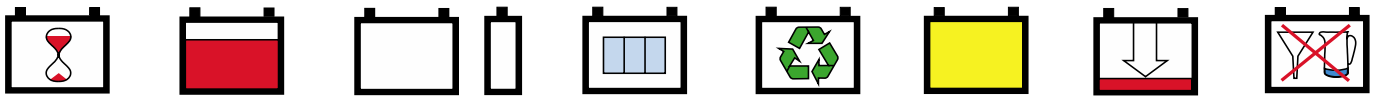
❺ **Valves**: Release gas in case of excess pressure and protects the cell against atmosphere.

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.

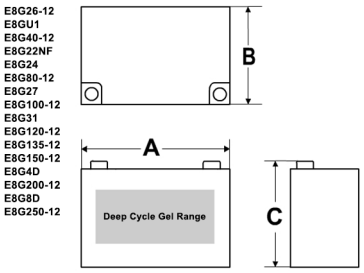
TERMINAL CONSTRUCTION - The contact quality between the copper insert female terminal and the lead post is of vital importance during short duration / high Amps discharge. Elevated terminal temperatures are the result of poor contact, eventually causing seal degradation and electrolyte leaks. EverExceed's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

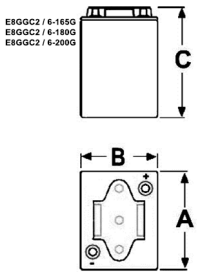


Deep Cycle Gel Range Electrical Specifications & Dimensions

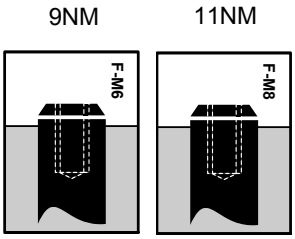
Battery Model	Nom. Voltage (V)	Capacity C/20 1.75VPc	Capacity C/100 1.75VPC	Short Circuit current Amps	Internal Resistance Milliohms	Female Terminal Type	Battery Weight		Outline Dimensions					
									Length		Width		Height	
							Kg	lbs	inch	mm	Inch	mm	Inch	mm
12-26G / E8G26-12	12	26	28.6	690	12.8	F-M5	9.4	20.7	6.54	166	4.96	126	6.93	176
12-30G / E8GU1	12	30	33	780	12.0	F-M6	11.5	25.3	7.72	196	5.16	131	6.26	159
12-35G / E8G35-12	12	35	38.5	860	11.5	F-M6	14.3	31.5	7.80	198	6.54	166	6.69	170
12-40G / E8G40-12	12	40	44	1010	9.8	F-M6	16.5	36.3	9.02	229	5.43	138	8.43	214
12-50G / E8G50-12	12	50	55	1080	8.5	F-M6	17.5	38.5	9.02	229	5.43	138	8.43	214
12-60G / E8G22NF	12	60	66	1170	7.6	F-M6	22.5	49.5	13.8	350	6.61	167	7.00	178
12-65G / E8G65-12	12	65	72	1320	7.5	F-M6	23.0	50.6	10.2	259	6.62	168	8.46	215
12-70G / E8G24	12	70	78	1380	7.3	F-M6	24.5	53.9	10.2	259	6.62	168	8.46	215
12-80G / E8G80-12	12	80	89	1620	6.8	F-M6	28.0	61.6	12.0	305	6.62	168	8.46	215
12-85G / E8G85-12	12	85	95	1650	6.6	F-M6	29.0	63.8	12.0	305	6.62	168	8.46	215
12-90G / E8G27	12	90	100	1730	6.2	F-M6	30.0	66.0	12.0	305	6.62	168	8.46	215
12-100G / E8G100-12	12	100	111	1810	5.8	F-M8	31.5	69.3	13.0	330	6.77	172	8.66	220
12-110G / E8G31	12	110	123	1900	5.5	F-M8	37.5	82.5	16.0	406	6.89	175	9.37	238
12-120G / E8G120-12	12	120	134	2050	5.0	F-M8	39.0	85.8	16.0	406	6.89	175	9.37	238
12-135G / E8G135-12	12	135	151	2210	4.5	F-M8	45.0	99.0	18.9	480	6.70	170	9.45	240
12-150G / E8G150-12	12	150	168	2550	4.0	F-M8	48.5	107	18.9	480	6.70	170	9.45	240
12-160G / E8G4D	12	160	179	2580	3.8	F-M8	57.0	125	20.8	530	8.23	209	8.66	220
12-180G / E8G180-12	12	180	201	2760	3.7	F-M8	63.0	139	20.4	520	9.37	238	8.86	225
12-200G / E8G200-12	12	200	224	3020	3.5	F-M8	65.0	143	20.4	520	9.37	238	8.86	225
12-220G / E8G220-12	12	220	246	3150	3.4	F-M8	67.0	147	20.4	520	9.37	238	8.86	225
12-230G / E8G8D	12	230	257	3650	3.3	F-M8	73.5	162	20.4	520	10.6	269	8.86	225
12-240G / E8G240-12	12	240	268	3750	3.3	F-M8	77.0	169	20.4	520	10.6	269	8.86	225
12-250G / E8G250-12	12	250	280	4460	3.2	F-M8	78.5	173	20.4	520	10.6	269	8.86	225
12-300G / E8G300-12	12	300	336	4860	3.2	F-M8	86.0	189	20.4	520	10.6	269	8.86	225
6-65G / E8G65-6	6	65	71	1510	6.8	F-M6	11.5	25.3	7.3	185	4.45	113	8.27	210
6-190G / E8G190-6	6	190	212	3150	3.5	F-M8	24.0	52.8	9.6	244	7.40	188	10.8	275
6-200G / E8GGC2	6	200	224	3200	3.1	F-M8	31.0	68.2	12.7	323	7.01	178	9.06	230

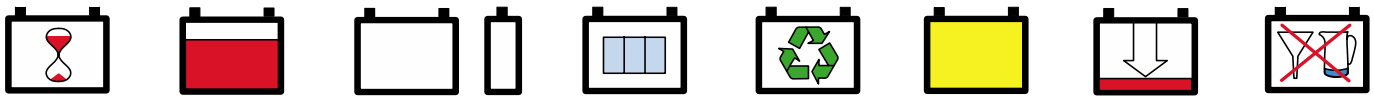
Actual Battery Dimensions may vary by +1%





Terminal and Torque

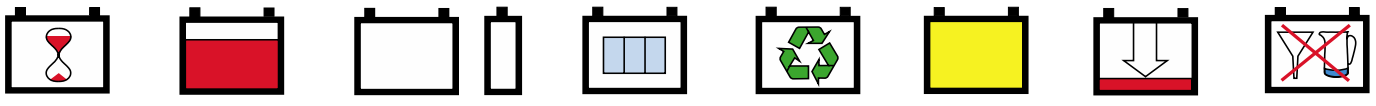




Deep Cycle Gel Range Discharge Ampere Hours Data @ 20°C (68°F)

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												
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	48	72	100
12-26G E8G26-12	1.80	36.9	23.6	17.6	14.6	1.85	14.0	15.7	17.0	17.9	18.5	20.6	21.3	21.7	23.9	24.5	25.6	26.4	27.3
	1.75	39.9	24.4	18.1	14.9	1.80	14.8	16.7	18.0	19.0	19.6	21.9	22.8	23.3	25.2	25.7	26.4	27.2	28.1
	1.67	42.0	24.9	18.2	15.0	1.75	15.2	17.1	18.5	19.4	20.1	22.5	23.4	23.9	26.0	26.4	27.1	28.0	28.5
12-30G E8GU1	1.80	39.8	25.5	19.1	15.7	1.85	16.2	18.1	19.6	20.6	21.4	23.8	24.5	25.1	27.6	28.2	29.5	30.5	31.6
	1.75	43.2	26.4	19.6	16.2	1.80	17.1	19.3	20.8	21.8	22.7	25.3	26.3	26.7	29.2	29.5	30.5	31.5	32.4
	1.67	45.4	27.0	19.7	16.3	1.75	17.5	19.7	21.4	22.4	23.3	25.9	27.0	27.5	30.0	30.5	31.4	32.3	33.0
12-35G E8G35-12	1.80	46.5	29.8	22.3	18.3	1.85	18.9	21.1	22.9	24.1	24.9	27.8	28.6	29.3	32.2	32.9	34.4	35.5	36.9
	1.75	50.4	30.8	22.9	18.9	1.80	19.9	22.5	24.3	25.5	26.5	29.5	30.7	31.2	34.0	34.5	35.6	36.7	37.8
	1.67	52.9	31.5	23.0	19.0	1.75	20.5	23.0	24.9	26.1	27.2	30.2	31.5	32.1	35.0	35.5	36.6	37.7	38.5
12-40G E8G40-12	1.80	53.1	34.0	25.4	21.0	1.85	21.5	24.2	26.2	27.5	28.5	31.8	32.8	33.4	36.4	37.6	39.3	40.7	42.1
	1.75	57.6	35.2	26.2	21.5	1.80	22.8	25.6	27.8	29.2	30.2	33.7	35.1	35.7	38.9	39.4	40.7	42.1	43.4
	1.67	60.5	36.0	26.3	21.7	1.75	23.4	26.3	28.4	29.9	31.0	34.6	36.0	36.7	40.0	40.6	41.8	43.0	44.0
12-50G E8G50-12	1.80	66.4	42.5	31.7	26.3	1.85	26.9	30.2	32.7	34.4	35.6	39.7	40.9	41.7	45.5	46.9	49.1	50.8	52.5
	1.75	72.0	44.0	32.7	26.9	1.80	28.5	32.1	34.7	36.5	37.7	42.1	43.8	44.6	48.6	49.3	50.9	52.5	54.3
	1.67	75.6	45.0	32.8	27.1	1.75	29.3	32.8	35.5	37.4	38.7	43.2	45.0	45.9	50.0	50.7	52.2	53.8	55.0
12-60G E8G22NF	1.80	79.6	51.1	38.1	31.5	1.85	32.3	36.2	39.3	41.2	42.8	47.7	49.1	50.1	54.7	56.3	58.9	61.0	63.1
	1.75	86.4	52.8	39.3	32.3	1.80	34.3	38.5	41.7	43.7	45.3	50.5	52.6	53.6	58.4	59.1	61.1	63.1	65.1
	1.67	90.8	54.0	39.4	32.5	1.75	35.1	39.4	42.7	44.8	46.5	51.8	54.0	55.1	60.0	60.9	62.6	64.6	66.0
12-65G E8G65-12	1.80	86.3	55.3	41.3	34.1	1.85	35.0	39.3	42.2	44.7	46.3	51.7	53.1	54.3	59.2	61.0	63.8	66.1	68.4
	1.75	93.6	57.2	42.6	34.9	1.80	37.2	41.7	45.2	47.3	49.1	54.8	57.0	58.0	63.2	64.0	66.2	68.4	70.5
	1.67	97.9	58.5	42.7	35.2	1.75	38.0	42.7	46.3	48.5	50.4	56.2	58.5	59.7	65.0	66.0	67.9	69.9	72.0
12-70G E8G24	1.80	93.0	59.5	44.4	36.7	1.85	37.7	42.3	45.5	48.2	49.8	55.6	57.2	58.5	63.7	65.7	68.7	71.2	73.6
	1.75	101	61.6	45.8	37.6	1.80	40.0	44.9	48.6	51.0	52.9	59.0	61.4	62.4	68.0	69.0	71.3	73.6	75.9
	1.67	105	63.0	46.0	37.9	1.75	41.0	46.0	49.8	52.3	54.2	60.5	63.0	64.3	70.0	71.1	73.2	75.3	78.0
12-80G E8G80-12	1.80	106	68.0	50.8	41.9	1.85	43.1	48.3	52.3	55.0	56.9	63.6	65.5	66.9	72.8	75.1	78.5	81.3	84.3
	1.75	114	70.4	52.4	43.0	1.80	45.6	51.3	55.5	58.4	60.4	67.4	70.2	71.5	77.7	78.9	81.4	84.1	86.8
	1.67	121	71.9	52.6	43.3	1.75	46.8	52.5	56.9	59.8	61.9	69.1	72.0	73.4	80.0	81.2	83.5	86.1	89.0
12-85G E8G85-12	1.80	113	72.3	54.0	44.5	1.85	45.8	51.3	55.6	58.4	60.5	67.6	69.6	71.1	77.4	79.8	83.4	86.4	89.6
	1.75	121	74.8	55.7	45.7	1.80	48.5	54.5	59.0	62.1	64.2	71.6	74.6	76.0	82.6	83.8	86.5	89.4	92.2
	1.67	129	76.4	55.9	46.0	1.75	49.7	55.8	60.5	63.5	65.8	73.4	76.5	78.0	85.0	86.3	88.7	91.5	95.0
12-90G E8G27	1.80	119	76.5	57.1	47.2	1.85	48.4	54.4	58.9	61.9	64.1	71.5	73.7	75.2	81.9	84.5	88.3	91.5	97.0
	1.75	130	79.2	58.9	48.4	1.80	51.4	57.7	62.5	65.6	68.0	75.8	78.9	80.4	87.5	88.7	91.6	94.6	99
	1.67	136	80.9	59.1	48.7	1.75	52.7	59.1	64.0	67.2	69.7	77.8	81.0	82.6	90.0	91.4	94.0	96.8	100
12-100G E8G100-12	1.80	133	85.0	63.5	52.5	1.85	53.8	60.4	65.4	68.7	71.2	79.5	81.9	83.5	91.0	93.9	98.1	102	105
	1.75	144	88.0	65.5	53.8	1.80	57.1	64.1	69.4	72.9	75.5	84.2	87.7	89.3	97.2	98.6	102	105	108
	1.67	151	89.9	65.7	54.1	1.75	58.5	65.7	71.1	74.7	77.4	86.4	90.0	91.8	100	102	104	108	111
12-110G E8G31	1.80	146	93.5	69.8	57.7	1.85	59.2	66.5	72.0	75.6	78.3	87.4	90.1	91.9	100	103	108	112	116
	1.75	158	96.8	72.0	59.2	1.80	62.8	70.5	76.3	80.2	83.1	92.7	96.4	98.3	107	108	112	116	119
	1.67	166	98.9	72.3	59.6	1.75	64.4	72.3	78.2	82.2	85.1	95.0	99.0	101	110	112	115	118	123
12-120G E8G120-12	1.80	159	102	76.2	63.0	1.85	64.6	72.5	78.5	82.5	85.4	95.4	98.3	109	109	113	118	122	126
	1.75	173	106	78.5	64.5	1.80	68.5	76.9	83.3	87.5	90.7	101	105	117	117	118	122	126	130
	1.67	182	108	78.9	65.0	1.75	70.2	78.8	85.3	89.6	92.9	104	108	120	120	122	125	129	134

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



Deep Cycle Gel Range Discharge Ampere Hours Data @ 20°C (68°F)

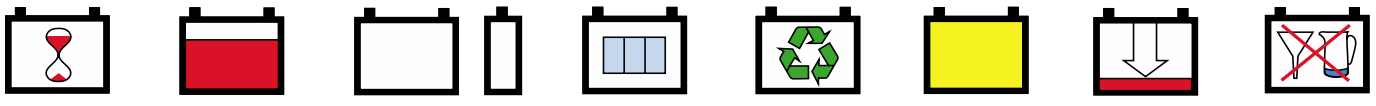
Battery Model	End VPC	Discharge Data Amps @ 20°C				End VPC	Discharge Data Ampere Hours @ 20°C												
		Discharge Time In Minutes					Discharge Time In Hours												
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	48	72	100
12-135G E8G135-12	1.80	179	115	85.7	70.9	1.85	72.7	81.6	88.3	92.8	96.1	107	111	113	123	127	133	137	142
	1.75	195	119	88.3	72.6	1.80	77.1	86.5	93.7	98.4	102	114	118	121	132	133	137	142	146
	1.67	205	122	88.8	73.1	1.75	79.0	88.7	96.0	101	105	117	122	124	135	137	141	145	151
12-150G E8G150-12	1.80	199	128	95.2	78.7	1.85	80.7	90.7	98.1	103	107	119	123	125	137	141	147	152	158
	1.75	216	132	98.2	80.7	1.80	85.6	96.2	104	109	113	126	131	134	146	148	153	158	163
	1.67	227	135	98.6	81.2	1.75	87.8	98.6	107	112	116	130	135	138	150	152	157	161	168
12-160G E8G4D	1.80	212	137	102	83.9	1.85	86.1	96.7	105	110	114	127	131	133	146	150	157	162	169
	1.75	230	141	105	86.1	1.80	91.3	103	111	116	121	134	140	143	156	158	163	169	174
	1.67	242	144	105	86.6	1.75	93.7	105	114	119	124	139	144	147	160	162	167	172	179
12-180G E8G180-12	1.80	239	153	114	94.5	1.85	97.2	109	118	123	128	143	148	150	164	169	176	183	189
	1.75	259	158	118	97.2	1.80	103	115	125	131	136	151	158	161	175	177	184	189	195
	1.67	273	162	118	97.2	1.75	105	118	128	134	140	156	162	166	180	183	188	194	201
12-200G E8G200-12	1.80	265	170	127	105	1.85	108	121	131	137	142	159	164	167	182	188	196	203	210
	1.75	288	176	131	108	1.80	114	128	139	146	151	168	175	179	194	197	204	210	217
	1.67	303	180	131	108	1.75	117	131	142	149	155	173	180	184	200	203	209	215	224
12-220G E8G220-12	1.80	292	187	139	116	1.85	119	133	144	151	156	174	180	184	200	207	216	224	231
	1.75	317	193	144	119	1.80	125	141	153	160	166	185	193	196	214	217	224	231	239
	1.67	333	198	144	119	1.75	129	144	156	164	171	190	198	202	220	223	229	237	246
12-230G E8G8D	1.80	305	195	146	121	1.85	124	139	151	158	164	182	188	192	209	216	226	234	242
	1.75	331	202	151	124	1.80	131	148	160	168	173	193	201	205	224	227	234	242	250
	1.67	348	207	151	125	1.75	135	151	164	172	178	198	207	211	230	233	240	248	257
12-240G E8G240-12	1.80	319	204	152	126	1.85	130	145	157	164	171	190	197	201	218	226	236	244	252
	1.75	346	211	157	130	1.80	136	155	166	175	181	202	210	214	234	237	244	252	261
	1.67	363	216	157	131	1.75	141	157	171	179	186	207	216	221	240	243	251	258	268
12-250G E8G250-12	1.80	332	212	158	131	1.85	135	151	164	171	178	198	205	209	227	235	246	254	263
	1.75	360	220	164	135	1.80	142	161	173	182	189	210	219	223	244	247	254	263	272
	1.67	378	225	164	136	1.75	147	164	178	186	194	216	225	230	250	253	261	269	280
12-300G E8G300-12	1.80	398	254	190	157	1.85	162	181	197	205	214	238	246	251	272	282	295	305	316
	1.75	432	264	197	162	1.80	170	193	208	218	227	252	263	268	293	296	305	316	326
	1.67	454	270	197	163	1.75	176	197	214	223	233	259	270	276	300	304	313	323	336
6-65G E8G65-6	1.80	86.3	55.3	41.3	34.1	1.85	35.0	39.3	42.2	44.7	46.3	51.7	53.1	54.3	59.2	61.0	63.8	66.1	68.4
	1.75	93.6	57.2	42.6	34.9	1.80	37.2	41.7	45.2	47.3	49.1	54.8	57.0	58.0	63.2	64.0	66.2	68.4	70.5
	1.67	97.9	58.5	42.7	35.2	1.75	38.0	42.7	46.3	48.5	50.4	56.2	58.5	59.7	65.0	66.0	67.9	69.9	71.0
6-190G E8G190-6	1.80	252	162	120	100	1.85	103	115	125	130	135	151	156	158	173	178	186	193	200
	1.75	273	167	125	103	1.80	109	121	132	138	144	159	167	170	185	187	194	200	206
	1.67	288	171	125	103	1.75	111	125	135	141	148	165	171	175	190	193	198	205	212
6-200G E8GGC2	1.80	265	170	127	105	1.85	108	121	131	137	142	159	164	167	182	188	196	203	210
	1.75	288	176	131	108	1.80	114	128	139	146	151	168	175	179	194	197	204	210	217
	1.67	303	180	131	108	1.75	117	131	142	149	155	173	180	184	200	203	209	215	224

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

Deep Cycle Gel 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												
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	48	72	100
12-26G E8G26-12	1.80	36.9	23.6	17.6	14.6	1.85	9.33	7.85	5.67	4.48	3.70	2.58	2.13	1.81	1.20	1.02	0.53	0.37	0.27
	1.75	39.9	24.4	18.1	14.9	1.80	9.87	8.35	6.00	4.75	3.92	2.74	2.28	1.94	1.26	1.07	0.55	0.38	0.28
	1.67	42.0	24.9	18.2	15.0	1.75	10.1	8.55	6.17	4.85	4.02	2.81	2.34	1.99	1.30	1.10	0.56	0.39	0.29
12-30G E8GU1	1.80	39.8	25.5	19.1	15.7	1.85	10.7	9.09	6.55	5.15	4.27	2.98	2.45	2.09	1.37	1.17	0.62	0.43	0.31
	1.75	43.2	26.4	19.6	16.2	1.80	11.4	9.55	6.94	5.47	4.53	3.16	2.63	2.23	1.46	1.24	0.64	0.44	0.33
	1.67	45.4	27.0	19.7	16.3	1.75	11.6	9.91	7.11	5.60	4.65	3.24	2.70	2.30	1.50	1.27	0.65	0.45	0.33
12-35G E8G35-12	1.80	46.5	29.8	22.3	18.3	1.85	12.5	10.6	7.64	6.01	4.98	3.48	2.86	2.44	1.60	1.37	0.72	0.50	0.36
	1.75	50.4	30.8	22.9	18.9	1.80	13.3	11.1	8.09	6.38	5.28	3.69	3.07	2.60	1.71	1.44	0.74	0.51	0.38
	1.67	52.9	31.5	23.0	19.0	1.75	13.6	11.6	8.29	6.53	5.42	3.78	3.15	2.68	1.75	1.48	0.76	0.52	0.39
12-40G E8G40-12	1.80	53.1	34.0	25.4	21.0	1.85	14.4	12.1	8.72	6.87	5.70	3.97	3.28	2.78	1.82	1.56	0.82	0.56	0.42
	1.75	57.6	35.2	26.2	21.5	1.80	15.2	12.8	9.25	7.29	6.04	4.21	3.51	2.98	1.94	1.64	0.85	0.58	0.43
	1.67	60.5	36.0	26.3	21.7	1.75	15.6	13.1	9.48	7.47	6.19	4.32	3.60	3.06	2.00	1.69	0.87	0.60	0.44
12-50G E8G50-12	1.80	66.4	42.5	31.7	26.3	1.85	17.9	15.1	10.9	8.59	7.12	4.96	4.09	3.48	2.27	1.95	1.02	0.71	0.53
	1.75	72.0	44.0	32.7	26.9	1.80	19.0	16.0	11.5	9.09	7.55	5.26	4.38	3.72	2.43	2.05	1.06	0.73	0.55
	1.67	75.6	45.0	32.8	27.1	1.75	19.5	16.5	11.8	9.36	7.74	5.40	4.50	3.83	2.50	2.12	1.09	0.75	0.55
12-60G E8G22NF	1.80	79.6	51.1	38.1	31.5	1.85	21.5	18.1	13.1	10.3	8.54	5.96	4.91	4.18	2.73	2.35	1.22	0.85	0.63
	1.75	86.4	52.8	39.3	32.3	1.80	22.8	19.2	13.9	10.9	9.07	6.32	5.26	4.46	2.91	2.47	1.28	0.87	0.65
	1.67	90.8	54.0	39.4	32.5	1.75	23.5	19.7	14.2	11.2	9.28	6.48	5.40	4.59	3.00	2.54	1.31	0.89	0.66
12-65G E8G65-12	1.80	86.3	55.3	41.2	34.2	1.85	23.3	19.6	14.2	11.2	9.25	6.45	5.32	4.53	2.95	2.54	1.32	0.92	0.69
	1.75	93.6	57.2	42.5	35.0	1.80	24.7	20.8	15.0	11.8	9.82	6.84	5.70	4.83	3.16	2.67	1.38	0.95	0.71
	1.67	98.3	58.5	42.7	35.2	1.75	25.4	21.4	15.4	12.2	10.1	7.02	5.85	4.98	3.25	2.75	1.42	0.97	0.72
12-70G E8G24	1.80	93.0	59.5	44.4	36.7	1.85	25.1	21.2	15.3	11.9	10.0	6.96	5.72	4.87	3.18	2.73	1.43	0.99	0.74
	1.75	101	61.6	45.8	37.6	1.80	26.6	22.4	16.1	12.9	10.5	7.37	6.14	5.21	3.40	2.87	1.48	1.02	0.77
	1.67	105	63.0	46.0	37.9	1.75	27.3	23.1	16.6	13.2	10.8	7.56	6.30	5.37	3.50	2.96	1.52	1.05	0.78
12-80G E8G80-12	1.80	107	68.0	50.8	41.9	1.85	28.7	24.2	17.4	13.7	11.4	7.90	6.60	5.60	3.60	3.10	1.60	1.10	0.80
	1.75	115	70.4	52.4	43.0	1.80	30.5	25.6	18.5	14.6	12.1	8.40	7.00	6.00	3.90	3.30	1.70	1.20	0.86
	1.67	121	71.9	52.6	43.3	1.75	31.2	26.3	19.0	15.0	12.4	8.60	7.20	6.10	4.00	3.40	1.70	1.20	0.89
12-85G E8G85-12	1.80	114	72.3	54.0	44.5	1.85	30.5	25.7	18.5	14.6	12.1	8.39	7.01	5.95	3.83	3.29	1.70	1.17	0.85
	1.75	122	74.8	55.7	45.7	1.80	32.4	27.2	19.7	15.5	12.9	8.93	7.44	6.38	4.14	3.51	1.81	1.28	0.92
	1.67	129	76.4	55.9	46.0	1.75	33.2	27.9	20.2	15.9	13.2	9.14	7.65	6.48	4.25	3.61	1.81	1.28	0.95
12-90G E8G27	1.80	119	76.5	57.1	47.2	1.85	32.3	27.2	19.6	15.5	12.8	8.94	7.37	6.27	4.10	3.52	1.84	1.27	0.97
	1.75	130	79.2	58.9	48.4	1.80	34.3	28.9	20.8	16.4	13.6	9.48	7.89	6.70	4.37	3.70	1.91	1.31	0.99
	1.67	136	80.9	59.1	48.7	1.75	35.1	29.6	21.3	16.8	13.9	9.72	8.10	6.89	4.50	3.81	1.96	1.34	1.00
12-100G E8G100-12	1.80	133	85.0	63.5	52.5	1.85	35.9	30.2	21.8	17.2	14.2	9.94	8.19	6.96	4.55	3.91	2.04	1.41	1.05
	1.75	144	88.0	65.5	53.8	1.80	38.1	32.1	23.1	18.2	15.1	10.5	8.77	7.44	4.86	4.11	2.12	1.46	1.08
	1.67	151	89.9	65.7	54.1	1.75	39.0	32.9	23.7	18.7	15.5	10.8	9.00	7.65	5.00	4.23	2.18	1.49	1.11
12-110G E8G31	1.80	146	93.5	69.8	57.7	1.85	39.5	33.2	24.0	18.9	15.7	10.9	9.01	7.66	5.01	4.30	2.25	1.55	1.16
	1.75	158	96.8	72.0	59.2	1.80	41.9	35.3	25.4	20.0	16.6	11.6	9.64	8.19	5.35	4.52	2.33	1.61	1.19
	1.67	166	98.9	72.3	59.6	1.75	42.9	36.1	26.1	20.5	17.0	11.9	9.90	8.42	5.50	4.65	2.39	1.64	1.23
12-120G E8G120-12	1.80	159	102	76.2	63.0	1.85	43.1	36.3	26.2	20.6	17.1	11.9	9.83	9.10	5.46	4.69	2.45	1.69	1.26
	1.75	173	106	78.5	64.5	1.80	45.7	38.5	27.8	21.9	18.1	12.6	10.5	9.73	5.83	4.93	2.54	1.75	1.30
	1.67	182	108	78.9	65.0	1.75	46.8	39.4	28.4	22.4	18.6	13.0	10.8	10.0	6.00	5.08	2.61	1.79	1.34

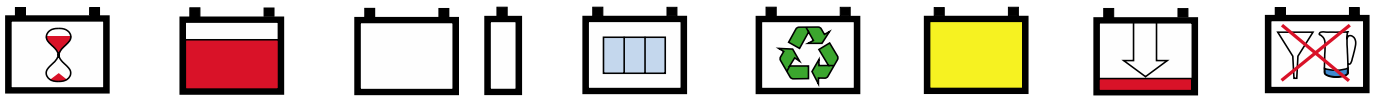
Actual Battery Discharge Data may be +/-5% of figures shown above.



Deep Cycle Gel 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												
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24	48	72	100
12-135G E8G135-12	1.80	179	115	85.7	70.9	1.85	48.5	40.8	29.5	23.2	19.2	13.4	11.1	10.2	6.14	5.28	2.76	1.90	1.42
	1.75	195	119	88.3	72.6	1.80	51.4	43.3	31.3	24.6	20.4	14.2	11.8	10.9	6.56	5.55	2.86	1.97	1.46
	1.67	205	122	88.8	73.1	1.75	52.7	44.3	32.0	25.2	20.9	14.6	12.2	11.3	6.75	5.72	2.94	2.01	1.51
12-150G E8G150-12	1.80	199	128	95.2	78.7	1.85	53.8	45.3	32.7	25.8	21.4	14.9	12.3	10.4	6.83	5.87	3.07	2.12	1.58
	1.75	216	132	98.2	80.7	1.80	57.1	48.1	34.7	27.3	22.7	15.8	13.1	11.2	7.29	6.16	3.18	2.19	1.63
	1.67	227	135	98.6	81.2	1.75	58.5	49.3	35.6	28.0	23.2	16.2	13.5	11.5	7.50	6.34	3.26	2.24	1.68
12-160G E8G4D	1.80	212	137	102	83.9	1.85	57.4	48.3	34.9	27.5	22.8	15.9	13.1	11.1	7.29	6.26	3.27	2.26	1.69
	1.75	230	141	105	86.1	1.80	60.9	51.3	37.0	29.1	24.2	16.9	14.0	11.9	7.78	6.57	3.39	2.34	1.74
	1.67	242	144	105	86.6	1.75	62.4	52.6	38.0	29.9	24.7	17.3	14.4	12.3	8.00	6.76	3.48	2.39	1.79
12-180G E8G180-12	1.80	239	154	115	94.4	1.85	64.6	54.3	39.3	30.9	25.7	17.9	14.7	12.5	8.20	7.04	3.68	2.54	1.90
	1.75	259	159	118	96.9	1.80	68.5	57.7	41.6	32.7	27.2	19.0	15.8	13.4	8.75	7.39	3.81	2.63	1.96
	1.67	272	162	118	97.4	1.75	70.2	59.2	42.8	33.6	27.8	19.5	16.2	13.8	9.00	7.61	3.92	2.69	2.01
12-200G E8G200-12	1.80	265	170	127	105	1.85	71.8	60.4	43.6	34.4	28.5	19.9	16.4	13.9	9.10	7.82	4.09	2.82	2.10
	1.75	288	176	131	108	1.80	76.1	64.1	46.3	36.5	30.2	21.1	17.5	14.9	9.72	8.21	4.24	2.92	2.17
	1.67	303	180	131	108	1.75	78.0	65.7	47.4	37.4	31.0	21.6	18.0	15.3	10.0	8.46	4.35	2.99	2.24
12-220G E8G220-12	1.80	292	187	139	116	1.85	78.9	66.5	48.0	37.8	31.3	21.9	18.0	15.4	10.1	8.61	4.49	3.11	2.31
	1.75	317	193	144	119	1.80	83.7	70.6	50.9	40.1	33.3	23.1	19.3	16.4	10.7	9.04	4.67	3.21	2.39
	1.67	333	198	144	119	1.75	85.8	72.3	52.2	41.1	34.0	23.8	19.8	16.8	11.0	9.30	4.79	3.29	2.46
12-230G E8G8D	1.80	305	195	146	121	1.85	82.5	69.5	50.2	39.6	32.7	22.9	18.8	16.1	10.5	9.00	4.70	3.25	2.42
	1.75	331	202	151	124	1.80	87.5	73.8	53.2	41.9	34.8	24.2	20.1	17.2	11.2	9.45	4.88	3.36	2.50
	1.67	348	207	151	125	1.75	89.7	75.5	54.5	42.9	35.6	24.9	20.7	17.5	11.5	9.73	5.01	3.44	2.57
12-240G E8G240-12	1.80	319	204	152	126	1.85	86.1	72.5	52.3	41.3	34.2	23.9	19.7	16.8	10.9	9.41	4.91	3.39	2.52
	1.75	346	211	157	130	1.80	91.4	77.0	55.6	43.8	36.3	25.2	21.0	17.9	11.7	9.89	5.09	3.50	2.61
	1.67	363	216	157	131	1.75	93.6	78.8	56.9	44.8	37.2	25.9	21.6	18.3	12.0	10.2	5.22	3.59	2.68
12-250G E8G250-12	1.80	332	212	158	131	1.85	89.7	75.5	54.5	43.0	35.6	24.9	20.5	17.5	11.4	9.8	5.11	3.53	2.63
	1.75	360	220	164	135	1.80	95.2	80.2	57.9	45.6	37.8	26.3	21.9	18.6	12.2	10.3	5.30	3.65	2.72
	1.67	378	225	164	136	1.75	97.5	82.1	59.3	46.7	38.7	27.0	22.5	19.1	12.5	10.6	5.44	3.74	2.80
12-300G E8G300-12	1.80	398	254	190	157	1.85	108	90.6	65.4	51.6	42.7	29.9	24.6	21.0	13.7	11.8	6.13	4.24	3.16
	1.75	432	264	197	162	1.80	114	96.2	69.5	54.7	45.4	31.6	26.3	22.3	14.6	12.4	6.36	4.38	3.26
	1.67	454	270	197	163	1.75	117	98.5	71.2	56.0	46.4	32.4	27.0	22.9	15.0	12.7	6.53	4.49	3.36
6-65G E8G65-6	1.80	86.3	55.3	41.2	34.2	1.85	23.3	19.6	14.2	11.2	9.25	6.45	5.32	4.53	2.95	2.54	1.32	0.92	0.69
	1.75	93.6	57.2	42.5	35.0	1.80	24.7	20.8	15.0	11.8	9.82	6.84	5.70	4.83	3.16	2.67	1.38	0.95	0.70
	1.67	98.3	58.5	42.7	35.2	1.75	25.4	21.4	15.4	12.2	10.1	7.02	5.85	4.98	3.25	2.75	1.42	0.97	0.71
6-190G E8G190-6	1.80	252	162	121	99.8	1.85	68.2	57.4	41.4	32.7	27.1	18.9	15.6	13.2	8.65	7.43	3.89	2.68	2.00
	1.75	274	167	124	103	1.80	72.3	60.9	44.0	34.7	28.7	20.0	16.6	14.2	9.23	7.80	4.03	2.77	2.06
	1.67	288	171	124	103	1.75	74.1	62.4	45.0	35.5	29.5	20.5	17.1	14.5	9.50	8.04	4.13	2.84	2.12
6-200G E8GGC2	1.80	265	170	127	105	1.85	71.8	60.4	43.6	34.4	28.5	19.9	16.4	13.9	9.10	7.82	4.09	2.82	2.10
	1.75	288	176	131	108	1.80	76.1	64.1	46.3	36.5	30.2	21.1	17.5	14.9	9.72	8.21	4.24	2.92	2.17
	1.67	303	180	131	108	1.75	78.0	65.7	47.4	37.4	31.0	21.6	18.0	15.3	10.0	8.46	4.35	2.99	2.24

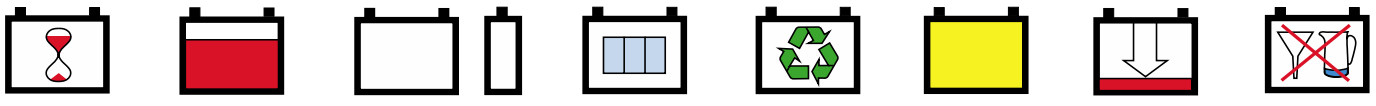
Actual Battery Discharge Data may be +/-5% of figures shown above.



Deep Cycle Gel Range Discharge Watts Per Cell @ 20°C (68°F)

Battery Model	End VPC	Watts Per Cell @ 20°C				End VPC	Watts Per Cell @ 20°C									
		Discharge Time In Minutes					Discharge Time In Hours									
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24
12-26G E8G26-12	1.80	67.7	44.1	33.5	28.0	1.85	16.1	15.1	11.1	8.77	7.30	5.13	4.25	3.62	2.39	2.04
	1.75	73.5	45.6	34.4	28.6	1.80	18.9	16.0	11.6	9.24	7.69	5.41	4.49	3.85	2.52	2.14
	1.67	77.2	46.6	34.7	28.9	1.75	19.3	15.4	11.1	8.79	7.33	5.13	4.28	3.65	2.40	2.03
12-30G E8GU1	1.80	73.3	47.6	36.2	30.2	1.85	19.9	17.5	12.7	10.2	8.42	5.93	4.90	4.17	2.76	2.35
	1.75	79.5	49.4	37.3	30.9	1.80	21.8	18.5	13.5	10.6	8.87	6.25	5.18	4.45	2.91	2.47
	1.67	83.5	50.5	37.5	31.3	1.75	22.2	18.9	13.7	10.8	9.02	6.35	5.29	4.52	2.97	2.52
12-35G E8G35-12	1.80	85.5	55.6	42.2	35.2	1.85	23.2	20.5	14.8	11.9	9.82	6.92	5.72	4.87	3.22	2.75
	1.75	92.7	57.6	43.5	36.1	1.80	25.5	21.6	15.7	12.4	10.4	7.29	6.05	5.19	3.39	2.88
	1.67	97.5	58.9	43.8	36.5	1.75	25.9	22.1	16.0	12.6	10.5	7.41	6.17	5.27	3.47	2.94
12-40G E8G40-12	1.80	98.0	63.6	48.3	40.3	1.85	27.6	23.4	17.0	13.5	11.2	7.90	6.53	5.57	3.65	3.14
	1.75	106	65.8	49.7	41.3	1.80	29.1	24.6	17.9	14.2	11.8	8.33	6.91	5.92	3.88	3.29
	1.67	111	67.3	49.9	41.6	1.75	29.6	25.2	18.3	14.5	12.1	8.47	7.06	6.03	3.96	3.35
12-50G E8G50-12	1.80	122	79.5	60.3	50.4	1.85	34.5	29.2	21.3	16.8	14.0	9.91	8.16	6.95	4.56	3.93
	1.75	133	82.3	62.2	51.6	1.80	36.4	30.8	22.4	17.7	14.8	10.4	8.64	7.40	4.85	4.11
	1.67	139	84.1	62.5	52.0	1.75	37.1	31.5	22.9	18.1	15.1	10.5	8.82	7.54	4.95	4.19
12-60G E8G22NF	1.80	146	95.3	72.3	60.4	1.85	41.5	35.0	25.5	20.2	16.8	11.9	9.80	8.35	5.48	4.71
	1.75	159	98.7	74.6	62.0	1.80	43.6	37.0	26.8	21.3	17.8	12.4	10.4	8.88	5.81	4.93
	1.67	167	101	74.9	62.4	1.75	44.5	37.9	27.5	21.7	18.1	12.7	10.6	9.04	5.93	5.03
12-65G E8G65-12	1.80	158	103	78.4	65.5	1.85	44.9	37.9	27.7	21.9	18.2	12.9	10.6	9.04	5.93	5.11
	1.75	173	107	80.8	67.1	1.80	47.3	40.1	29.1	23.0	19.3	13.5	11.2	9.62	6.30	5.34
	1.67	181	109	81.2	67.6	1.75	48.2	41.0	29.8	23.5	19.6	13.7	11.5	9.80	6.43	5.45
12-70G E8G24	1.80	171	111	84.4	70.5	1.85	48.3	40.9	29.7	23.6	19.6	13.8	11.4	9.71	6.38	5.50
	1.75	187	115	87.1	72.2	1.80	50.9	43.1	31.4	24.9	20.7	14.7	12.0	10.4	6.79	5.76
	1.67	195	118	87.4	72.8	1.75	51.9	44.2	31.9	25.4	21.1	14.8	12.2	10.5	6.93	5.86
12-80G E8G80-12	1.80	196	127	96.5	80.6	1.85	55.2	46.8	33.9	27.0	22.5	15.8	13.0	11.2	7.29	6.29
	1.75	212	131	99.5	82.6	1.80	58.2	49.2	35.8	28.4	23.7	16.6	13.8	11.8	7.76	6.58
	1.67	223	134	99.5	83.2	1.75	59.3	50.5	36.6	29.0	24.1	16.9	14.2	12.1	7.92	6.70
12-85G E8G85-12	1.80	208	135	103	85.6	1.85	58.7	49.7	36.0	28.7	23.9	16.8	13.8	11.9	7.75	6.68
	1.75	225	139	106	87.8	1.80	61.8	52.3	38.0	30.2	25.2	17.6	14.7	12.5	8.25	6.99
	1.67	237	142	106	88.4	1.75	63.0	53.7	38.9	30.8	25.6	18.0	15.1	12.9	8.42	7.12
12-90G E8G27	1.80	220	143	109	90.7	1.85	62.1	52.6	38.2	30.3	25.3	17.8	14.7	12.5	8.21	7.24
	1.75	239	148	112	92.9	1.80	65.4	55.4	40.3	32.0	26.6	18.7	15.5	13.3	8.72	7.57
	1.67	251	151	112	93.6	1.75	66.7	56.8	41.2	32.6	27.2	19.1	15.9	13.6	8.90	7.77
12-100G E8G100-12	1.80	244	159	121	101	1.85	69.0	58.4	42.5	33.7	28.1	19.7	16.3	13.9	9.12	7.85
	1.75	265	165	124	103	1.80	72.7	61.6	44.8	35.5	29.6	20.8	17.3	14.8	9.69	8.21
	1.67	278	168	125	104	1.75	74.1	63.1	45.7	36.2	30.2	21.2	17.6	15.1	9.89	8.37
12-110G E8G31	1.80	269	175	133	111	1.85	75.9	64.3	46.7	37.1	30.9	21.7	18.0	15.3	10.0	8.64
	1.75	292	181	137	114	1.80	79.9	67.7	49.3	39.1	32.6	22.9	19.0	16.3	10.7	9.03
	1.67	306	185	137	114	1.75	81.5	69.4	50.3	39.9	33.2	23.3	19.4	16.6	10.9	9.21
12-120G E8G120-12	1.80	293	191	145	121	1.85	82.8	70.1	51.0	40.5	33.7	23.7	19.6	18.2	10.9	9.42
	1.75	318	197	149	124	1.80	87.2	73.9	53.8	42.7	35.5	25.0	20.7	19.4	11.6	9.86
	1.67	334	202	150	125	1.75	88.9	75.7	54.9	43.5	36.2	25.4	21.2	19.7	11.9	10.0

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



Deep Cycle Gel Range Discharge Watts Per Cell @ 20°C (68°F)

Battery Model	End VPC	Watts Per Cell @ 20°C				End VPC	Watts Per Cell @ 20°C									
		Discharge Time In Minutes					Discharge Time In Hours									
		15	30	45	60		1.5	2	3	4	5	8	10	12	20	24
12-135G E8G135-12	1.80	330	215	163	136	1.85	93.2	78.9	57.4	45.6	37.9	26.7	22.1	20.5	12.3	10.6
	1.75	358	222	168	140	1.80	98.1	83.1	60.5	48.0	39.9	28.1	23.3	21.8	13.1	11.1
	1.67	376	227	169	141	1.75	100	85.2	61.8	48.9	40.7	28.6	23.9	22.2	13.4	11.3
12-150G E8G150-12	1.80	366	238	181	151	1.85	104	87.6	63.7	50.6	42.1	29.6	24.5	20.9	13.7	11.8
	1.75	398	247	187	155	1.80	109	92.3	67.2	53.3	44.4	31.2	25.9	22.2	14.5	12.3
	1.67	418	252	187	156	1.75	111	94.6	68.6	54.3	45.3	31.8	26.5	22.6	14.8	12.6
12-160G E8G4D	1.80	390	254	193	161	1.85	111	93.4	67.9	54.0	44.9	31.6	26.1	22.3	14.6	12.6
	1.75	425	263	199	165	1.80	116	98.5	71.7	56.9	47.4	33.3	27.6	23.7	15.5	13.1
	1.67	446	269	199	166	1.75	118	101	73.2	57.9	48.3	33.9	28.3	24.1	15.8	13.4
12-180G E8G180-12	1.80	439	286	217	181	1.85	125	105	76.4	60.8	50.5	35.6	29.4	25.1	16.4	14.2
	1.75	478	296	224	186	1.80	131	111	80.7	64.0	53.3	37.5	31.1	26.7	17.4	14.7
	1.67	502	303	224	187	1.75	133	114	82.4	65.1	54.3	38.1	31.8	27.1	17.8	15.1
12-200G E8G200-12	1.80	489	318	241	201	1.85	138	117	85.0	67.4	56.1	39.5	32.7	27.8	18.2	15.7
	1.75	530	329	249	207	1.80	145	123	89.6	71.1	59.2	41.6	34.5	29.6	19.4	16.4
	1.67	557	336	250	208	1.75	148	126	91.5	72.5	60.4	42.3	35.3	30.1	19.8	16.7
12-220G E8G220-12	1.80	538	350	266	222	1.85	152	132	93.9	74.2	61.7	43.4	35.9	30.6	20.1	17.3
	1.75	583	362	274	228	1.80	160	136	98.6	78.2	65.1	45.8	38.0	32.5	21.3	18.1
	1.67	613	370	275	229	1.75	163	138	101	79.8	66.4	46.6	38.8	33.2	21.7	18.4
12-230G E8G8D	1.80	562	366	278	232	1.85	159	138	98.1	77.5	64.5	45.4	37.6	32.0	21.0	18.0
	1.75	610	379	287	238	1.80	168	142	103	81.8	68.1	47.9	39.8	34.0	22.3	18.9
	1.67	640	387	288	239	1.75	171	145	105	83.4	69.4	48.7	40.5	34.7	22.7	19.2
12-240G E8G240-12	1.80	587	382	290	242	1.85	166	144	102	80.9	67.3	47.4	39.2	33.4	21.9	18.8
	1.75	636	395	299	248	1.80	175	148	108	85.3	71.1	50.0	41.5	35.5	23.3	19.8
	1.67	668	403	300	249	1.75	178	151	110	87.0	72.4	50.8	42.3	36.2	23.7	20.1
12-250G E8G250-12	1.80	611	398	302	252	1.85	172	150	107	84.3	70.2	49.4	40.8	34.8	22.8	19.6
	1.75	663	412	311	259	1.80	182	154	112	88.9	74.0	52.0	43.2	37.0	24.2	20.6
	1.67	696	420	313	260	1.75	185	157	114	90.6	75.4	52.9	44.1	37.7	24.7	20.9
12-300G E8G300-12	1.80	733	478	362	302	1.85	206	180	128	101	84.2	59.3	49.0	41.8	27.4	23.5
	1.75	796	494	373	311	1.80	218	185	134	107	88.8	62.4	51.8	44.4	29.0	24.7
	1.67	835	504	376	312	1.75	222	188	137	109	90.5	63.5	52.9	45.2	29.6	25.1
6-65G E8G65-6	1.80	158	103	78.4	65.5	1.85	44.9	37.9	27.7	21.9	18.2	12.9	10.6	9.04	5.93	5.11
	1.75	173	107	80.8	67.1	1.80	47.3	40.1	29.1	23.0	19.3	13.5	11.2	9.62	6.30	5.34
	1.67	181	109	81.2	67.6	1.75	48.2	41.0	29.8	23.5	19.6	13.7	11.5	9.80	6.43	5.45
6-190G E8G190-6	1.80	465	302	229	191	1.85	131	111	80.8	64.0	53.3	37.5	31.1	26.4	17.3	14.9
	1.75	504	313	237	197	1.80	138	117	85.1	67.5	56.2	39.5	32.8	28.1	18.4	15.6
	1.67	529	319	238	198	1.75	141	120	86.9	68.9	57.4	40.2	33.5	28.6	18.8	15.9
6-200G E8GGC2	1.80	489	318	241	201	1.85	138	117	85.0	67.4	56.1	39.5	32.7	27.8	18.2	15.7
	1.75	530	329	249	207	1.80	145	123	89.6	71.1	59.2	41.6	34.5	29.6	19.4	16.4
	1.67	557	336	250	208	1.75	148	126	91.5	72.5	60.4	42.3	35.3	30.1	19.8	16.7

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

Charging Information

AMPERE HOUR CAPACITY IS A NOMINAL RATING.

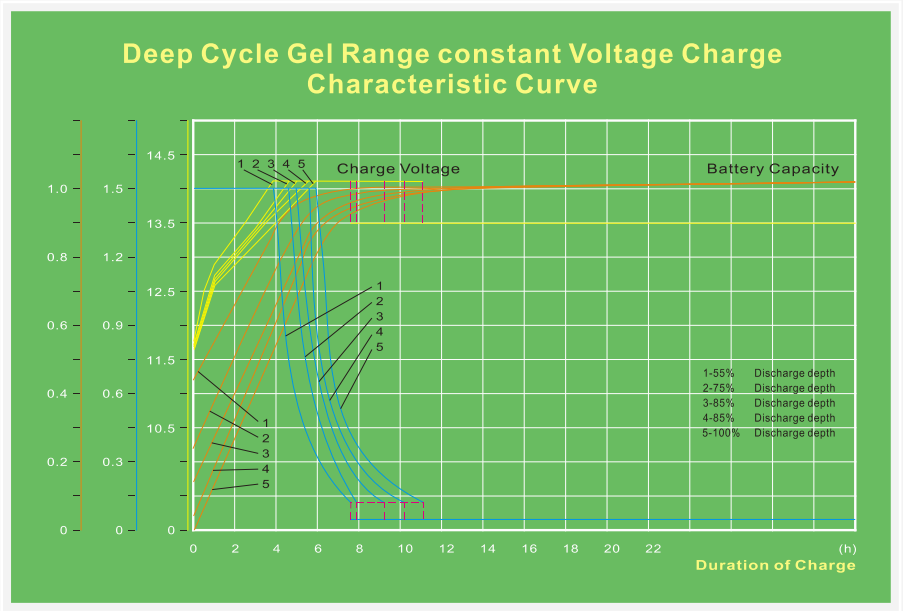
ALL RATINGS ARE AFTER 15 CYCLES AND CONFORM TO B.C.I. SPECIFICATIONS.

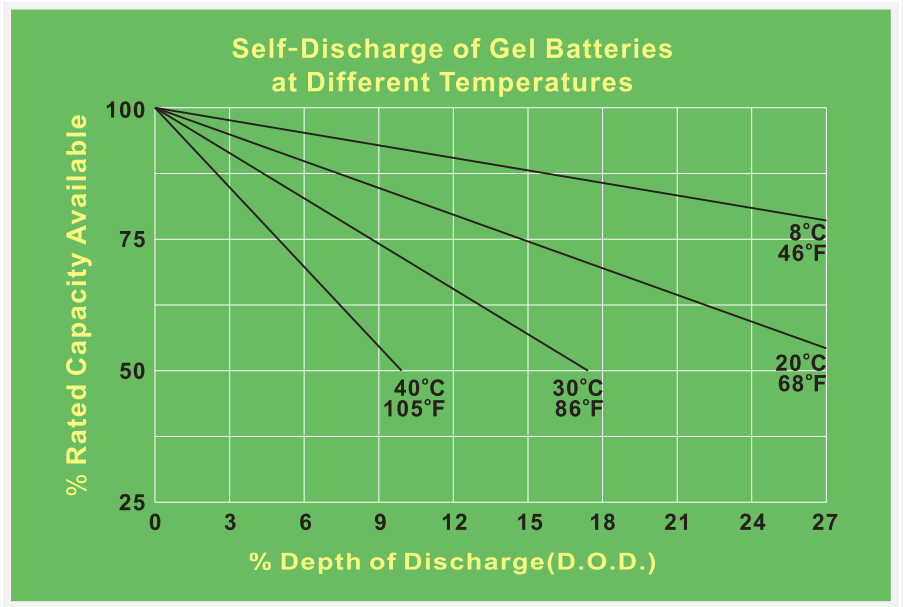
BATTERY VOLTAGE: All batteries are 12 Volt excluding MODEL 6-xxG, which is 6 Volt.

IMPORTANT CHARGING INSTRUCTIONS: WARRANTY VOID IF OPENED OR IMPROPERLY CHARGED.

Constant under or overcharging will damage any battery and shorten its life! Battery must be charged using a constant potential voltage regulated charger or voltage regulated solar controller.

For a 12-volt battery, charge to at least 13.8 volts but no more than 14.1 volts at 68ºF (20ºC). For a 6-volt battery, charge to at least 6.90 volts but no more than 7.05 volts at 68ºF (20ºC). Do not charge in an air-tight condition.

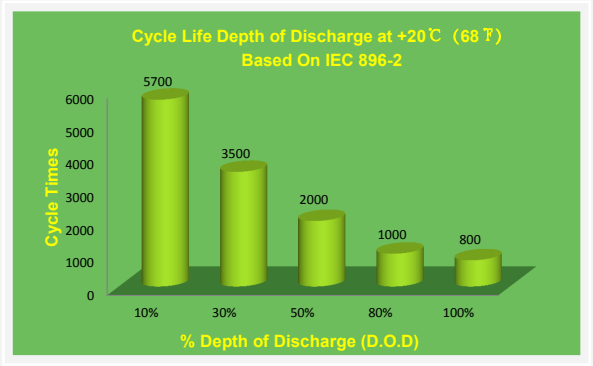




BATTERY CYCLING ABILITY

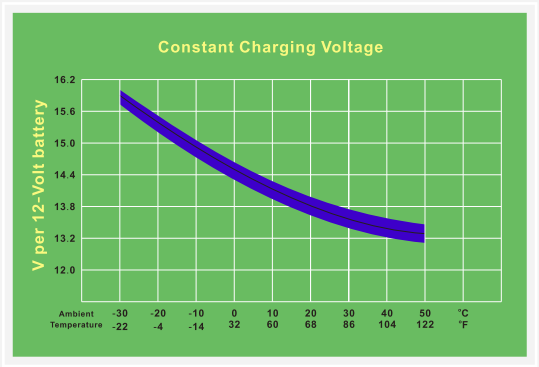
The EverExceed's Deep Cycle Gel Range VRLA Battery excels in cycling applications.

Deep Cycle Gel Range batteries are capable of 5700+ charge / discharge cycles depending on the depth of discharge.



TYPICAL CYCLIC PERFORMANCE

CAPACITY WITHDRAWN	CYCLES
100%	800
80%	1000
50%	2000
30%	3500
10%	5700



CONSTANT CHARGING VOLTAGE:

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

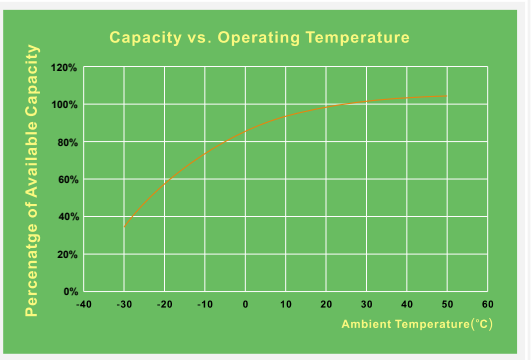
The bandwidth shows a tolerance of ± 30mV/cell.

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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