

# Lifeline Batteries – Core Advantages

## Construction Processes

- Complete hand assembly process – from the first stages of grid casting to the final forming of the batteries, the materials are handled at each phase and carefully inspected to insure flawless operation.
- Careful selection of the highest quality metals, glass matting, separators, epoxies and patented case construction are just a few of the fundamentals that we incorporate to build our highly effective batteries.
- Redundancy of quality control inspections at every stage of construction. Through the entire manufacturing process all quality control data is collected and stored in an extensive electronic library and available for reference if needed.

## Battery Testing

- As a pioneer of the highest quality AGM battery technology we have more than 26 years experience with a proven successful battery line. We are an American family-owned and operated battery company that has been manufacturing and testing batteries since 1972.
- Extensive testing in two of our core markets (marine and RV); we have achieved operational life expectancies between 5 and 8 years and back our batteries with one of the most thorough warranties in the industry.
- More importantly than testing higher in an individual rating, Lifeline Batteries have been constructed to provide the optimal performance of what is required in every marine and RV application.

## Applied Science

- Our extensive history of developing a premium AGM battery and proven success rate as determined through proper testing, has culminated into a product that is leading the industry in a number of areas.
- Our batteries have an extremely low internal resistance that allows them to accept current, much more efficiently than flooded lead-acid, gelled and other AGM batteries.
- During normal charging conditions there is no dangerous gassing and no hands-on maintenance required. Our batteries are a leader in the industry and provide roughly 1000 life-cycles discharged to the recommended 50%, which is 2 to 3 times more than many industry averages.

## Consumer Confidence

- More than 150 original equipment manufacturers around the globe trust the quality assurance provided from our AGM battery line. Like our list of manufacturers, we believe the best way to foster long-term business relationships and repeat customers is through providing the highest quality battery available.
- We provide customers an extensive and expanding dealer / distributor network to make our batteries more easily accessible. Because our batteries are rated non-hazardous and non-spillable, they can be shipped anywhere.
- We encourage anyone seeking additional technical or product assistance to contact us directly and talk to an owner or family member. Our customer support department is readily available Monday-Friday 8AM to 4:30PM PST.

## DEEP CYCLE BATTERIES • SPECIFICATIONS

PART NUMBER	NOM VOLTS	OVERALL DIMENSIONS			UNIT WT Lbs. (Kgs)	CCA	CCA	CCA	CAPACITY AMPERE HOURS @20 hr. (1) RATE	MINUTES OF DISCHARGE @		
		L in (mm)	W in (mm)	H in (mm)		68° F	32° F	0° F		25 AMPS	15 AMPS	8 AMPS
GPL-U1T	12	7.71 (196)	4.97 (126)	6.89 (175)	24 (10.9)	325	275	215	33	50	93	185
GPL-24T	12	11.13 <sup>1</sup> (283)	6.60 (168)	9.25 (235)	56 (25.5)	800	680	550	80	149	259	524
GPL-27T	12	13.09 <sup>2</sup> (333)	6.60 (168)	9.25 (235)	65 (29.5)	845	715	575	100	186	324	655
GPL-30HT	12	13.46 (342)	6.77 (172)	11.95 (304)	96 (43.50)	1000	850	700	150	315	555	1120
GPL-31T	12	12.90 (328)	6.75 (171)	9.27 (236)	69 (31.4)	880	750	600	105	195	340	688
GPL-31XT	12	12.90 (328)	6.75 (171)	9.27 (236)	75 (34)	950	800	650	125	230	455	910
GPL-4DA	12	20.76 (527)	8.70 (221)	8.63 (219)	135 (61.2)	1595	1360	1100	210	390	680	1375
GPL-4DL	12	20.76 (527)	8.70 (221)	8.63 (219)	135 (61.2)	1595	1360	1100	210	390	680	1375
GPL-8DA	12	20.76 (527)	10.89 (277)	8.60 (218)	162 (73.6)	1975	1675	1350	255	475	825	1670
GPL-8DL	12	20.76 (527)	10.89 (277)	8.60 (218)	162 (73.6)	1975	1675	1350	255	475	825	1670
GPL-4CT	6	10.28 (261)	7.06 (179)	9.92 (252)	66 (30.0)	1095	925	750	220	492	856	1692
GPL-6CT	6	10.28 (261)	7.06 (179)	12.94 (329)	90 (40.8)	1150	1025	925	300	692	1200	2205
GPL-L16T	6	11.64 (296)	6.95 (177)	15.73 (399)	119 (54)	1975	1675	1350	400	950	1625	3195
GPL-4CT-2V	2	10.28 (261)	7.06 (179)	9.92 (252)	66 (30.0)	2950	2500	2025	660	1476	2568	5076
GPL-6CT-2V	2	10.28 (261)	7.06 (179)	12.94 (329)	90 (40.8)	3100	2750	2500	900	2076	3600	6615
GPL-L16CT-2V	2	11.64 (296)	6.95 (177)	15.73 (399)	119 (54.0)	5332	4552	3645	1200	2850	4875	9585
GPL-31T-2V	2	12.90 (328)	6.75 (171)	9.27 (236)	69 (31.4)	4752	4050	3240	315	1170	2040	4128

<sup>1</sup> Add .091 (23.1) for Handle Embossment. <sup>2</sup> Add 1.06 (27.0) for Handle Embossment.

**Terminals:** GPL-24T, GPL-27T & GPL-31T are heavy duty silicon-bronze Marine Terminals and the GPL-U1T is a 6mm copper alloy threaded insert. All "T" batteries supplied with brass bolts and washers. **Handles:** "T" models- Handles are built into cover design. GPL-24T and GPL-27T also incorporate strap handles. Handles not available on part number GPL-31T. Models GPL-4CT, GPL-6CT, GPL-4DA & GPL-8DA are equipped with rope handles. **Ratings:** Capacity ratings are stated 77° F (25 C) to 1.75 volts per cell. **Drawings:** Product drawings for each model available upon request. (1) All ratings are after 25 cycles and conform to B.C.I. specifications.

## STARTING BATTERIES • SPECIFICATIONS

PART NUMBER	NOM VOLTS	OVERALL DIMENSIONS			UNIT WT Lbs. (Kgs)	CCA	CCA	CCA	CAPACITY AMPERE HOURS @20 hr. (1) RATE
		L in (mm)	W in (mm)	H in (mm)		68° F	32° F	0° F	
*GPL-1400T	12	9.78 (248)	4.97 (126)	6.83 (174)	32 (14.5)	850	700	550	43
*GPL-2400T	12	11.13 <sup>1</sup> (283)	6.60 (168)	9.25 (235)	53 (24.1)	870	790	650	75
*GPL-2700T	12	13.09 <sup>2</sup> (333)	6.60 (168)	9.25 (235)	63 (28.6)	1020	900	745	95
*GPL-3100T	12	12.90 (328)	6.74 (171)	9.27 (236)	67 (30.4)	1120	950	810	100