

PRODUCT SPECIFICATION GUIDE

A Comprehensive Battery Selection Guide



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 **Trojan**[®]
BATTERY COMPANY
Clean energy for life™

Made in the USA

Trojan - Reputation Built on Quality, Leadership and Innovation

Trojan Battery Company is the world's leading manufacturer of deep-cycle batteries. From deep-cycle flooded batteries to deep-cycle AGM and gel batteries, Trojan has shaped the world of deep-cycle battery technology with over 85 years of battery manufacturing experience. Trojan's leadership and innovation prevails today in the global, deep-cycle markets spanning applications for golf, renewable energy, transportation, floor machines, aerial work platforms, marine and recreational vehicles. Trojan batteries are available worldwide through our global network of master distributors. Headquartered in Santa Fe Springs, Calif., Trojan's operations include ISO 9001:2008 certified manufacturing plants in California and Georgia and international offices located in Europe, UAE and Asia.

Trojan Research and Development

As the leading manufacturer of deep-cycle flooded batteries, Trojan retains two state-of-the-art research and development centers dedicated exclusively to battery technology and innovation. Engineering teams, backed by over 200 years of deep-cycle development expertise, innovate and bring to market advanced battery technologies that exceed customer expectations for outstanding battery performance. To ensure the quality and superior performance of our batteries, Trojan applies the industry's most rigorous testing procedures, which adhere to both BCI and IEC test standards, to assess cycle life, capacity, charger algorithms and both physical and mechanical integrity.

Trojan Technical Support and Training

Trojan's expertise as the world's leading manufacturer of deep-cycle batteries provides us with a unique knowledge and understanding of battery technology for a variety of applications. We apply this expertise in our outstanding technical support. Trojan's experienced engineers are available to assist with in-depth understanding of battery technologies and system specifications to help identify the battery technology that best fits your application.

The battery specifications below provide details on battery type, capacity, energy rate, terminal type, dimensions and weight to ensure selection of the proper battery model. For more information on choosing the proper battery for your system type, please visit www.trojanbattery.com/batterymaintenance/gettingstarted.html

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes			CAPACITY ^B Amp-Hours (AH)				ENERGY (kWh)	VOLTAGE	TERMINAL Type ^G	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)	HydroLink™ or Single-Point Watering Kit ^H
		@25 Amps	@56 Amps	@75 Amps	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate				100-Hr Rate	Length	Width		
6 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™																
GC2	T-605	383	-	105	175	193	210	232	1.39	6VOLT	1, 2, 3, 4	10.30 (262)	7.11 (181)	11.07 (281)	58 (26)	HydroLink
GC2	T-105	447	-	115	185	207	225	250	1.50	6VOLT	1, 2, 3, 4	10.30 (262)	7.11 (181)	11.07 (281)	62 (28)	HydroLink
GC2	T-105 Plus	447	-	115	185	207	225	250	1.50	6VOLT	1, 2, 3	10.30 (262)	7.11 (181)	11.07 (281)	62 (28)	Single-Point
GC2	T-125	488	-	132	195	221	240	266	1.60	6VOLT	1, 2, 3, 4	10.30 (262)	7.11 (181)	11.07 (281)	66 (30)	HydroLink
GC2	T-125 Plus	488	-	132	195	221	240	266	1.60	6VOLT	1, 2, 3	10.30 (262)	7.11 (181)	11.07 (281)	66 (30)	Single-Point
GC2H	T-145	530	-	145	215	239	260	287	1.72	6VOLT	1, 2, 3, 4	10.30 (262)	7.11 (181)	11.90 (302)	72 (33)	HydroLink
GC2H	T-145 Plus	530	-	145	215	239	260	287	1.72	6VOLT	1, 2, 3	10.30 (262)	7.11 (181)	11.90 (302)	72 (33)	Single-Point
DIN	TE35	500	-	135	201	225	245	270	1.63	6VOLT	8	9.60 (244)	7.50 (191)	10.60 (269)	68 (31)	N/A
901	J250G	475	-	130	195	216	235	261	1.57	6VOLT	7	12.17 (309)	6.85 (174)	11.43 (290)	67 (30)	HydroLink
901	J250P*	540	-	135	215	230	250	278	1.67	6VOLT	6	11.66 (296)	6.94 (176)	11.54 (293)	72 (33)	Single-Point
902	J305E-AC	645	-	160	250	280	305	339	2.03	6VOLT	7	12.27 (312)	6.85 (174)	14.41 (366)	83 (38)	HydroLink
902	J305G-AC	678	-	175	258	290	315	350	2.10	6VOLT	7	12.27 (312)	6.85 (174)	14.41 (366)	88 (40)	HydroLink
902	J305P-AC*	711	-	195	271	304	330	367	2.20	6VOLT	6	11.66 (296)	6.94 (176)	14.42 (366)	96 (44)	Single-Point
902	J305H-AC*	781	-	215	295	331	360	400	2.40	6VOLT	6	11.66 (296)	6.94 (176)	14.42 (366)	98 (45)	Single-Point
902	J305HG-AC	781	-	215	295	331	360	400	2.40	6VOLT	7	12.27 (312)	6.85 (174)	14.41 (366)	98 (45)	HydroLink
903	L16E-AC	766	-	185	303	340	370	411	2.47	6VOLT	7	12.25 (311)	6.85 (174)	16.41 (417)	99 (45)	HydroLink
903	L16G-AC	789	-	200	320	359	390	433	2.60	6VOLT	7	12.25 (311)	6.85 (174)	16.41 (417)	104 (47)	HydroLink
903	L16P-AC*	850	-	220	344	386	420	467	2.80	6VOLT	6	11.66 (296)	6.94 (176)	16.74 (425)	114 (52)	Single-Point
903	L16H-AC*	935	-	245	357	400	435	483	2.89	6VOLT	6	11.66 (296)	6.94 (176)	16.74 (425)	125 (57)	Single-Point
903	L16HG-AC	935	-	245	357	400	435	483	2.89	6VOLT	7	12.25 (311)	6.85 (174)	16.41 (417)	125 (57)	HydroLink
903	L16P*	850	-	220	344	386	420	467	2.80	6VOLT	5, 6	11.66 (296)	6.94 (176)	16.74 (425)	114 (52)	Single-Point
903	L16H*	935	-	245	357	400	435	483	2.89	6VOLT	5, 6	11.66 (296)	6.94 (176)	16.74 (425)	125 (57)	Single-Point

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes			CAPACITY ^B Amp-Hours (AH)				ENERGY (kWh) 100-Hr Rate	VOLTAGE	TERMINAL Type ^G	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)	HydroLink™ or Single-Point Watering Kit ^H
		@25 Amps	@56 Amps	@75 Amps	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate				Length	Width	Height ^F		
8 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™																
GC8	DC-8V	277	110	-	135	147	160	176	1.42	8 VOLT	2	10.21 (259)	7.06 (179)	11.14 (283)	61 (28)	HydroLink
GC8	T-875	295	117	-	145	155	170	189	1.51	8 VOLT	1, 2, 3	10.21 (259)	7.06 (179)	11.14 (283)	63 (29)	HydroLink
GC8H	Traveler 8V	295	117	-	145	155	170	189	1.51	8 VOLT	2	10.21 (259)	7.10 (180)	11.90 (302)	70 (32)	HydroLink
GC8	T-890	340	132	-	155	175	190	211	1.69	8 VOLT	1, 2, 3	10.21 (259)	7.06 (179)	11.14 (283)	69 (31)	HydroLink
GC8H	Ranger 160	430	160	-	169	186	204	225	1.80	8 VOLT	2	10.21 (259)	7.10 (180)	11.90 (302)	76 (34)	HydroLink
12 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™																
24	24TMX	140	-	36	70	78	85	94	1.13	12 VOLT	5, 7, 8, 9	10.92 (277)	6.62 (168)	9.25 (235)	47 (21)	N/A
27	27TMX	175	-	45	85	97	105	117	1.40	12 VOLT	5, 9	12.72 (323)	6.60 (168)	9.24 (235)	55 (25)	N/A
27	27TMH	200	-	51	95	106	115	128	1.54	12 VOLT	5, 7, 8, 9	12.72 (323)	6.60 (168)	9.24 (235)	61 (28)	N/A
30H	30XHS	225	-	57	105	120	130	144	1.73	12 VOLT	5, 7, 8, 9	14.00 (355)	6.73 (171)	10.07 (256)	66 (30)	N/A
30H	31XHS	225	-	57	105	120	130	144	1.73	12 VOLT	11	12.97 (329)	6.75 (171)	9.58 (243)	67 (30)	N/A
N/A	T-1260 Plus	260	90	60	113	126	140	155	1.86	12 VOLT	1	12.96 (329)	7.13 (181)	10.71 (272)	78 (35)	Single-Point
N/A	T-1275	280	102	70	120	134	150	166	1.99	12 VOLT	1	12.96 (329)	7.13 (181)	10.71 (272)	82 (37)	HydroLink
N/A	T-1275 Plus	280	102	70	120	134	150	166	1.99	12 VOLT	1	12.96 (329)	7.13 (181)	10.71 (272)	82 (37)	Single-Point
N/A	J150	280	102	70	120	134	150	166	1.99	12 VOLT	1, 2	13.70 (348)	7.13 (181)	11.13 (283)	84 (38)	HydroLink
N/A	J150 Plus	280	102	70	120	134	150	166	1.99	12 VOLT	1, 2, 3	13.70 (348)	7.13 (181)	11.13 (283)	84 (38)	Single-Point
921	J185E-AC	312	-	82	144	160	175	194	2.33	12 VOLT	7, 9	15.52 (394)	6.90 (175)	15.20 (386)	102 (46)	HydroLink
921	J185G-AC	324	-	93	152	170	185	205	2.46	12 VOLT	7, 9	15.52 (394)	6.90 (175)	15.20 (386)	106 (48)	HydroLink
921	J185P-AC*	380	-	104	168	189	205	226	2.71	12 VOLT	6	14.97 (380)	6.91 (176)	14.71 (374)	114 (52)	Single-Point
921	J185H-AC*	440	-	121	185	207	225	249	2.99	12 VOLT	6	14.97 (380)	6.91 (176)	14.71 (374)	123 (56)	Single-Point
921	J185HG-AC	440	-	121	185	207	225	249	2.99	12 VOLT	7	15.52 (394)	6.90 (175)	14.65 (372)	123 (56)	HydroLink
N/A	DC-500ML**	1050	-	272	361	410	450	500	6.00	12 VOLT	5, 8	19.25 (489)	10.62 (270)	16.73 (425)	332 (151)	Single-Point
36 VOLT DEEP-CYCLE FLOODED BATTERY																
N/A	18DC-500ML**	1050	-	272	361	410	450	500	18.00	36 VOLT	12	35.20*** (895)	19.10 (486)	16.73 (425)	986 (447)	Single-Point
PREMIUM LINE - DEEP-CYCLE FLOODED BATTERIES - with SMART CARBON™																
GC2H	T-105 RE	447	-	115	185	207	225	250	1.50	6 VOLT	5	10.30 (262)	7.11 (181)	11.67 (296)	67 (30)	Single-Point
903	L16RE-A*	695	-	155	267	299	325	360	2.16	6 VOLT	5	11.67 (296)	6.95 (177)	17.56 (446)	115 (52)	Single-Point
903	L16RE-B*	766	-	180	303	340	370	410	2.46	6 VOLT	5	11.67 (296)	6.95 (177)	17.56 (446)	118 (54)	Single-Point
903	L16RE-2V*	-	-	-	909	1021	1110	1235	2.47	2 VOLT	5	11.67 (296)	6.95 (177)	17.56 (446)	119 (54)	Single-Point
INDUSTRIAL LINE - DEEP-CYCLE FLOODED BATTERIES - with SMART CARBON™																
N/A	IND9-6V	-	-	-	365	414	464	601	3.61	6 VOLT	14	15.32 (389)	10.24 (260)	23.54 (598)	220 (100)	Single-Point
N/A	IND13-6V	-	-	-	545	616	695	902	5.41	6 VOLT	14	22.36 (568)	10.34 (263)	23.92 (608)	315 (143)	Single-Point
N/A	IND17-6V	-	-	-	727	820	925	1202	7.21	6 VOLT	14	27.21 (691)	10.38 (264)	23.73 (603)	415 (188)	Single-Point
N/A	IND23-4V	-	-	-	1000	1129	1270	1654	6.62	4 VOLT	14	22.38 (568)	10.34 (263)	23.56 (598)	370 (168)	Single-Point
N/A	IND27-2V	-	-	-	1215	1368	1520	1954	3.91	2 VOLT	14	15.28 (388)	10.38 (264)	24.00 (610)	228 (104)	Single-Point
N/A	IND29-4V	-	-	-	1274	1448	1618	2105	8.42	4 VOLT	14	27.10 (688)	10.35 (263)	23.81 (605)	465 (211)	Single-Point
N/A	IND33-2V	-	-	-	1455	1682	1849	2405	4.81	2 VOLT	14	17.33 (440)	10.22 (260)	24.01 (610)	278 (125)	Single-Point

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes		CAPACITY ^B Amp-Hours (AH)				ENERGY (kWh) 100-Hr Rate	VOLTAGE	TERMINAL Type ^G	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)	HydroLink™ or Single-Point Watering Kit ^H
		@25 Amps	@75 Amps	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate				Length	Width	Height ^F		
DEEP-CYCLE GEL BATTERIES															
GC2	6V-GEL	394	-	154	167	189	198	1.19	6 VOLT	6	10.25 (260)	7.08 (180)	10.82 (275)	68 (31)	N/A
DIN	TE35-GEL	479	-	180	193	210	220	1.32	6 VOLT	8	9.62 (244)	7.49 (190)	10.70 (272)	69 (31)	N/A
8D	8D-GEL	500	-	188	207	225	265	3.18	12 VOLT	5	20.69 (526)	10.95 (278)	10.82 (275)	163 (73)	N/A
24	24-GEL	147	-	66	72	77	85	1.02	12 VOLT	6	10.92 (277)	6.61 (168)	9.26 (235)	52 (24)	N/A
27	27-GEL	179	-	76	84	91	100	1.20	12 VOLT	7	12.73 (323)	6.38 (162)	9.26 (235)	62 (28)	N/A
31	31-GEL	200	-	85	94	102	108	1.30	12 VOLT	7	12.94 (329)	6.82 (173)	9.64 (245)	70 (32)	N/A
DIN	5SHP-GEL	250	-	110	115	125	137	1.64	12 VOLT	8	13.53 (344)	6.72 (171)	10.99 (279)	85 (39)	N/A

* Polyon™ Case (see back page)
** Unavailable with T2 Technology.
*** Also available in 30.25

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes		CRANKING Performance		CAPACITY ^B Amp-Hours (AH)				ENERGY (kWh)	TERMINAL Type ^G	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)	HydroLink™ Single-Point Watering Kit ^H
		@25 Amps	@75 Amps	C.C.A. ^D @0°F	C.A. ^E @32°F	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate		Length	Width	Height ^F		
MARINE/RV 12 VOLT DEEP-CYCLE BATTERIES - with T2 TECHNOLOGY™																
24	SCS150	150	36	530	650	80	92	100	111	1.33	10	11.30 (286)	6.73 (171)	9.80 (248)	50 (23)	N/A
27	SCS200	200	52	620	760	95	105	115	128	1.54	10	12.80 (324)	6.73 (171)	9.80 (248)	60 (27)	N/A
30H	SCS225	225	57	665	820	105	118	130	144	1.73	10	13.92 (354)	6.75 (171)	9.95 (253)	66 (30)	N/A
12 VOLT DEEP-CYCLE AGM BATTERIES																
U1	U1-AGM	42	-	240	306	29	31	33	34	0.408	13	7.78 (198)	5.20 (138)	6.75 (171)	27 (12)	N/A
GC12	12-AGM	280	-	825	900	112	127	140	144	1.72	13	13.54 (344)	6.76 (172)	10.88 (276)	100 (45)	N/A
22	22-AGM	79	-	280	336	43	47	50	52	0.624	13	8.96 (228)	5.49 (139)	8.04 (204)	40 (18)	N/A
24	24-AGM	137	-	500	600	67	70	76	84	1.01	6	10.77 (274)	6.84 (174)	8.62 (219)	54 (24)	N/A
27	27-AGM	158	-	550	660	77	82	89	99	1.19	6	12.05 (306)	6.84 (174)	9.32 (237)	64 (29)	N/A
31	31-AGM	177	-	600	720	82	92	100	111	1.33	6	13.73 (349)	6.80 (173)	9.16 (233)	69 (31)	N/A
31	OverDrive AGM 31™	180	-	730	875	84	93	102	112	1.34	11	13.42 (341)	6.81 (173)	9.21 (234)	69 (31)	N/A
12 VOLT STARTING AGM BATTERY																
31	TransPower™ ST1000 AGM 31	200	-	1000	1200	88	93	102	105	1.26	11	13.42 (341)	6.81 (173)	9.21 (234)	74 (34)	N/A
DUAL PURPOSE AGM BATTERIES (6V-AGM - 6 VOLT / 8D-AGM - 12 VOLT)																
GC2	6V-AGM	385	-	1100	1400	154	184	200	221	1.33	6	10.28 (261)	7.08 (180)	10.74 (273)	65 (29)	N/A
8D	8D-AGM	460	-	1450	1850	179	210	230	254	3.05	6	20.47 (520)	10.64 (270)	9.08 (231)	167 (76)	N/A



* Polyon™ Case

- A. The number of minutes a battery can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
 B. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) for the 20-Hour and 86°F (30°C) for the 5-Hour rate and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
 C. Dimensions are based on nominal size. Dimensions may vary depending on type of handle or terminal. Batteries to be mounted with .5 inches (12.7mm) spacing minimum.
 D. C.C.A. (Cold Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 0°F at a voltage above 1.2 V/cell.
 E. C.A. (Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 32°F at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 32°F or M.C.A. @ 32°F.
 F. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
 G. Terminal images are representative only.
 H. N/A = Not Available. For more information on the Single-Point Watering Kit (SPWK), please contact your Trojan Battery representative. Trojan's battery testing procedures adhere to both BCI and IEC test standards.

Terminal Configurations

1 ELPT	2 EHPT	3 EAPT	4 EUT	5 LT	6 DT	7 UT	8 AP
Embedded Low Profile Terminal	Embedded High Profile Terminal	Embedded Automotive Post Terminal	Embedded Universal Terminal	L-Terminal	Automotive Post & Stud Terminal	Universal Terminal	Automotive Post Terminal
9 WNT	10 DWNT	11 ST	12	13 IT	14 IND		
Wingnut Terminal	Dual Wingnut Terminal	Stud Terminal	Cable & Plug	Insert Terminal	Ind Terminal		



Your Local Trojan Battery Representative:

**For more information,
 call 800.423.6569
 or + 1.562.236.3000
 or visit www.trojanbattery.com**

