

# PRODUCT SPECIFICATION GUIDE

*A Comprehensive Battery Selection Guide*



 **Trojan**<sup>®</sup>  
BATTERY COMPANY  
*Clean energy for life™*

## 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](http://www.trojanbattery.com/batterymaintenance/gettingstarted.html)

BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Minutes			CAPACITY <sup>B</sup> Amp-Hours (AH)			ENERGY (kWh)	VOLTAGE	TERMINAL Type	DIMENSIONS <sup>C</sup> Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@56 Amps	@75 Amps	5-Hr Rate	20-Hr Rate	100-Hr Rate				100-Hr Rate	Length	Width	
<b>6 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™</b>														
GC2	T-605	383	-	105	175	210	232	1.39	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	58 (26)
GC2	T-105	447	-	115	185	225	250	1.50	6 VOLT	1, 2, 3, 4, 5	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	62 (28)
GC2	T-105 Plus	447	-	115	185	225	250	1.50	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-11/16 (272)	62 (28)
GC2	T-125	488	-	132	195	240	266	1.60	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	66 (30)
GC2	T-125 Plus	488	-	132	195	240	266	1.60	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-11/16 (272)	66 (30)
GC2H	T-145	530	-	145	215	260	287	1.72	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	11-5/8 (295)	72 (33)
GC2H	T-145 Plus	530	-	145	215	260	287	1.72	6 VOLT	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	11-1/2 (292)	72 (33)
DIN	TE35	500	-	135	200	245	271	1.63	6 VOLT	8	9-5/8 (244)	7-1/2 (191)	10-7/8 (276)	68 (31)
901	J250G	475	-	130	195	235	261	1.57	6 VOLT	7	11-1/2 (292)	7 (178)	11-7/8 (302)	67 (30)
901	J250P*	540	-	135	215	250	278	1.67	6 VOLT	6	11-11/16 (297)	7 (178)	11-1/2 (292)	72 (33)
902	J305E-AC	645	-	160	250	305	339	2.03	6 VOLT	7	12-1/4 (311)	7 (178)	14-3/8 (365)	83 (38)
902	J305G-AC	678	-	175	258	315	350	2.10	6 VOLT	7	12-1/4 (311)	7 (178)	14-3/8 (365)	88 (40)
902	J305P-AC*	711	-	195	271	330	367	2.20	6 VOLT	6	11-5/8 (295)	7 (178)	14-3/8 (365)	96 (44)
902	J305H-AC*	781	-	215	295	360	400	2.40	6 VOLT	6	11-5/8 (295)	7 (178)	14-3/8 (365)	98 (45)
903	L16E-AC	766	-	185	303	370	411	2.47	6 VOLT	7	12-1/4 (311)	7 (178)	16-3/8 (417)	100 (46)
903	L16G-AC	789	-	200	320	390	433	2.60	6 VOLT	7	12-1/4 (311)	7 (178)	16-3/8 (417)	107 (49)
903	L16P-AC*	850	-	220	344	420	467	2.80	6 VOLT	6	11-5/8 (295)	7 (178)	16-3/4 (424)	114 (52)
903	L16H-AC*	935	-	245	357	435	483	2.89	6 VOLT	6	11-5/8 (295)	7 (178)	16-3/4 (424)	125 (57)

BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Minutes			CAPACITY <sup>B</sup> Amp-Hours (AH)			ENERGY (kWh)	VOLTAGE	TERMINAL Type	DIMENSIONS <sup>C</sup> Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@56 Amps	@75 Amps	5-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate			Length	Width	Height <sup>F</sup>	
<b>8 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™</b>														
GC8	T-860	260	90	-	125	150	167	1.34	8 VOLT	1	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	58 (26)
GC8	T-875	295	117	-	145	170	189	1.51	8 VOLT	1, 2, 3	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	63 (29)
GC8	T-890	340	132	-	155	190	211	1.69	8 VOLT	1, 2, 3	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	69 (31)
<b>12 VOLT DEEP-CYCLE FLOODED BATTERIES - with T2 TECHNOLOGY™</b>														
24	24TMX	140	-	36	70	85	94	1.13	12 VOLT	5, 7, 8, 9	11-1/4 (286)	6-3/4 (171)	9-3/4 (248)	47 (21)
27	27TMX	175	-	45	85	105	117	1.40	12 VOLT	5, 9	12-3/4 (324)	6-3/4 (171)	9-3/4 (248)	55 (25)
27	27TMH	200	-	51	95	115	128	1.54	12 VOLT	5, 7, 8, 9	12-3/4 (324)	6-3/4 (171)	9-3/4 (248)	61 (28)
30H	30XHS	225	-	57	105	130	144	1.73	12 VOLT	5, 7, 8, 9	13-15/16 (355)	6-3/4 (171)	10-1/16 (256)	66 (30)
30H	31XHS	225	-	57	105	130	144	1.73	12 VOLT	11	13 (330)	6-3/4 (171)	9-1/2 (241)	67 (30)
N/A	T-1260 Plus	260	90	60	113	140	155	1.86	12 VOLT	1	12-7/8 (327)	7-1/8 (181)	10-11/16 (272)	78 (35)
N/A	T-1275	280	102	70	120	150	166	1.99	12 VOLT	1	12-7/8 (327)	7-1/8 (181)	10-7/8 (276)	82 (37)
N/A	T-1275 Plus	280	102	70	120	150	166	1.99	12 VOLT	1	12-7/8 (327)	7-1/8 (181)	10-11/16 (272)	82 (37)
N/A	J150	280	102	70	120	150	166	1.99	12 VOLT	1, 2	13-13/16 (351)	7-1/8 (181)	11-1/8 (283)	84 (38)
N/A	J150 Plus	280	102	70	120	150	166	1.99	12 VOLT	1, 2, 3	13-13/16 (351)	7-1/8 (181)	11-1/8 (283)	84 (38)
921	J185E-AC	312	-	82	144	175	194	2.33	12 VOLT	7, 9	15-1/2 (394)	7 (178)	14-5/8 (371)	102 (46)
921	J185G-AC	324	-	93	152	185	205	2.46	12 VOLT	7, 9	15-1/2 (394)	7 (178)	14-5/8 (371)	106 (48)
921	J185P-AC*	380	-	104	168	205	226	2.71	12 VOLT	6	15 (381)	7 (178)	14-5/8 (371)	114 (52)
921	J185H-AC*	440	-	121	185	225	249	2.99	12 VOLT	6	15 (381)	7 (178)	14-5/8 (371)	128 (58)
N/A	DC-500ML**	1050	-	272	361	450	500	6.00	12 VOLT	5, 8	19-1/4 (489)	10-5/8 (270)	16-3/4 (425)	332 (151)
<b>36 VOLT DEEP-CYCLE FLOODED BATTERY</b>														
N/A	18DC-500ML**	1050	-	272	361	450	500	18.00	36 VOLT	12	35-1/4*** (895)	19-1/8 (486)	16-3/4 (425)	986 (447)
<b>PREMIUM LINE - DEEP-CYCLE FLOODED BATTERIES</b>														
GC2H	T105-RE	447	-	115	185	225	250	1.50	6 VOLT	5	10-3/8 (264)	7-1/8 (181)	11-3/4 (299)	67 (30)
903	L16RE-A*	695	-	155	267	325	360	2.16	6 VOLT	5	11-5/8 (295)	7 (178)	17-11/16 (450)	115 (52)
903	L16RE-B*	766	-	180	303	370	410	2.46	6 VOLT	5	11-5/8 (295)	7 (178)	17-11/16 (450)	118 (54)
903	L16RE-2V*	-	-	-	909	1110	1235	2.47	2 VOLT	5	11-5/8 (295)	7 (178)	17-11/16 (450)	119 (54)
<b>INDUSTRIAL LINE - DEEP-CYCLE FLOODED BATTERIES</b>														
N/A	IND9-6V	-	-	-	355	445	545	3.27	6 VOLT	14	15-3/8 (390)	10-1/4 (260)	24 (610)	220 (100)
N/A	IND13-6V	-	-	-	533	673	820	4.92	6 VOLT	14	22-3/8 (568)	10-1/4 (260)	24 (610)	315 (143)
N/A	IND17-6V	-	-	-	711	897	1090	6.54	6 VOLT	14	26-11/16 (678)	10-1/4 (260)	24 (610)	415 (188)
N/A	IND23-4V	-	-	-	977	1233	1500	6.00	4 VOLT	14	22-3/8 (568)	10-1/4 (260)	24 (610)	370 (168)
N/A	IND27-2V	-	-	-	1183	1457	1780	3.56	2 VOLT	14	15-3/8 (390)	10-1/4 (260)	24 (610)	228 (104)
N/A	IND29-4V	-	-	-	1245	1570	1910	7.64	4 VOLT	14	26-11/16 (678)	10-1/4 (260)	24 (610)	465 (211)
N/A	IND33-2V	-	-	-	1456	1794	2187	4.37	2 VOLT	14	17-1/3 (440)	10-1/4 (260)	24 (610)	278 (125)
BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Minutes		CAPACITY <sup>B</sup> Amp-Hours (AH)			ENERGY (kWh)	VOLTAGE	TERMINAL Type	DIMENSIONS <sup>C</sup> Inches (mm)			WEIGHT lbs. (kg)	
		@25 Amps	@75 Amps	5-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate			Length	Width	Height <sup>F</sup>		
<b>DEEP-CYCLE GEL BATTERIES</b>														
GC2	6V-GEL	394	-	154	189	198	1.19	6 VOLT	6	10-1/4 (260)	7-1/8 (181)	10-7/8 (276)	68 (31)	
DIN	TE35-GEL	479	-	180	210	220	1.32	6 VOLT	5, 8	9-5/8 (244)	7-1/2 (190)	10-7/8 (276)	69 (31)	
8D	8D-GEL	500	-	188	225	265	3.18	12 VOLT	5	21-1/16 (534)	11 (279)	10-13/16 (233)	157 (71)	
24	24-GEL	147	-	66	77	85	1.02	12 VOLT	6	10-7/8 (276)	6-3/4 (171)	9-5/16 (236)	52 (24)	
27	27-GEL	179	-	76	91	100	1.20	12 VOLT	7	12-3/4 (324)	6-3/4 (171)	9-1/4 (234)	63 (29)	
31	31-GEL	200	-	85	102	108	1.30	12 VOLT	7	12-15/16 (329)	6-3/4 (171)	9-5/8 (245)	69 (31)	
DIN	55HP-GEL	250	-	110	125	137	1.64	12 VOLT	5, 8	13-9/16 (345)	6-3/4 (171)	11-1/8 (283)	85 (39)	

\* Polyon™ Case (see back page)  
\*\* Unavailable with T2 Technology.  
\*\*\* Also available in 30-1/4














BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Minutes		CRANKING Performance		CAPACITY <sup>B</sup> Amp-Hours (AH)			ENERGY (kWh)	VOLTAGE	TERMINAL Type	DIMENSIONS <sup>C</sup> Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@75 Amps	C.C.A. <sup>D</sup> @0°F	C.A. <sup>E</sup> @32°F	5-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate			Length	Width	Height <sup>F</sup>	
<b>MARINE/RV DEEP-CYCLE BATTERIES - with T2 TECHNOLOGY™</b>															
24	SCS150	150	36	530	650	80	100	111	1.33	12 VOLT	10	11-1/4 (286)	6-3/4 (171)	9-3/4 (248)	50 (23)
27	SCS200	200	52	620	760	95	115	128	1.54	12 VOLT	10	12-3/4 (324)	6-3/4 (171)	9-3/4 (248)	60 (27)
30H	SCS225	225	57	665	820	105	130	144	1.73	12 VOLT	10	13-15/16 (355)	6-3/4 (171)	9-7/8 (251)	66 (30)
<b>DEEP-CYCLE AGM BATTERIES</b>															
U1	U1-AGM	42	-	240	306	29	33	34	0.408	12 VOLT	13	8-3/16 (207)	5-3/16 (132)	6-13/16 (174)	27 (12)
22	22-AGM	79	-	280	336	43.3	50	52	0.624	12 VOLT	13	9 (229)	5-8/16 (139)	8-1/16 (205)	40 (18)
24	24-AGM	137	-	500	600	67	76	84	1.01	12 VOLT	6	10-3/4 (274)	6-13/16 (174)	8-11/16 (220)	54 (24)
27	27-AGM	158	-	550	660	77	89	99	1.19	12 VOLT	6	12-9/16 (318)	6-13/16 (174)	8-3/4 (221)	64 (29)
31	31-AGM	177	-	600	720	82	100	111	1.33	12 VOLT	6	13-7/16 (341)	6-13/16 (174)	9-3/16 (233)	69 (31)
31	OverDrive™ AGM 31	180	-	730	875	84	102	112	1.34	12 VOLT	11	13-7/16 (341)	6-13/16 (174)	9-1/4 (234)	69 (31)
<b>STARTING AGM BATTERY</b>															
31	TransPower™ ST1000 AGM 31	200	-	1000	1200	88	102	105	1.26	12 VOLT	11	13-7/16 (341)	6-13/16 (174)	9-1/4 (234)	74 (34)
<b>DUAL PURPOSE AGM BATTERIES</b>															
GC2	6V-AGM	385	-	1100	1400	154	200	221	1.33	6 VOLT	6	10-1/4 (260)	7-1/8 (181)	10-3/4 (274)	65 (29)
8D	8D-AGM	460	-	1450	1850	179	230	254	3.05	12 VOLT	6	20-1/2 (521)	10-9/16 (269)	9-3/16 (233)	167 (76)

- 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 77°F (25°C) for Signature Line, Deep-Cycle AGM & Deep-Cycle Gel, 80°F (27°C) for Premium & Industrial Lines 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 (12.7 mm) spacing minimum.
- D.** Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- 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.



\* Polyon™ Case

## Terminal Configurations

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



Your Local Trojan Battery Representative:

**For more information,  
call 800.423.6569  
or + 1.562.236.3000  
or visit [www.trojanbattery.com](http://www.trojanbattery.com)**