

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes		CRANKING PERFORMANCE		CAPACITY ^B Amp-Hours (AH)			TERMINAL TYPE (See Below)	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@75 Amps	CCA ^D @0°F	CA ^E @32°F	5 Hr Rate	20 Hr Rate	100 Hr Rate		L	W	H ^F	
MARINE/RV 12 VOLT DEEP CYCLE BATTERIES													
24	SCS150	150	36	530	650	80	100	-	8	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	50 (23)
27	SCS200	200	52	620	760	95	115	-	8	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	60 (27)
30H	SCS225	225	57	665	820	105	130	-	8	13 15/16 (355)	6 3/4 (171)	9 7/8 (251)	66 (30)
6 VOLT DUAL-PURPOSE AGM BATTERIES													
GC2	6V-AGM	385	-	1100	1400	154	200	221	6	10 1/4 (260)	7 1/16 (179)	10 5/8 (270)	65 (29)
12 VOLT DUAL-PURPOSE AGM BATTERIES													
24	24-AGM	130	-	440	620	61	80	88	6	10 13/16 (259)	6 5/8 (168)	8 7/8 (226)	52 (24)
27	27-AGM	175	-	560	780	76	100	111	6	12 (305)	6 5/8 (168)	9 3/16 (233)	67 (30)
31	31-AGM	190	-	720	950	83	110	122	6	13 1/16 (332)	6 7/8 (174)	8 11/16 (221)	74 (34)
4D	4D-AGM	325	-	1110	1420	131	165	182	6	20 7/8 (530)	8 1/4 (209)	9 3/8 (237)	125 (57)
8D	8D-AGM	460	-	1450	1850	179	230	254	6	20 1/2 (521)	10 9/16 (269)	8 7/8 (226)	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 80°F (27°C) for the 20 Hr and 100 Hr rates and 86°F (30°C) for the 5-Hr rate and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
- C. Dimensions are based on maximum size. Dimensions may vary depending on type of handle or terminal.
- 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.

TERMINAL CONFIGURATIONS									
1	LPT	2	HPT	3	WNT	4	AP	5	UT
									
Low Profile Terminal	High Profile Terminal	Wingnut Terminal	Automotive Post Terminal	Universal Terminal	Automotive Post & Stud Terminal	Stud Terminal	Dual Wingnut Terminal	L-Terminal	Cable & Plug



For a Trojan Master Distributor near you, call 800-423-6569 or 562-236-3000 or visit us at www.trojanbattery.com.



PRODUCT SPECIFICATION GUIDE

A Comprehensive Guide That Makes Selecting Your Battery Easier.

Since 1925, Trojan Battery Company has been known for delivering the world’s most trusted deep cycle batteries with superior engineering and innovative product design. We offer this Product Specification Guide to our customers as an essential battery selection tool, featuring:

- Helpful tips to determine which Trojan Battery is right for your application
- A step-by-step guide with diagrams for battery installation and configuration
- An easy-to-use specification chart featuring Trojan Battery’s complete product line
- Terminal configuration photos

We also offer outstanding technical support provided by full-time applications engineers. *Trojan batteries are available worldwide through Trojan’s Master Distributor Network.*

Call 800-423-6569 or 562-236-3000 for more information or visit us at www.trojanbattery.com.

Clean energy for life™

Before getting started:

- Make sure you know your system voltage, battery compartment size (length, width and height) and your energy needs
- Determine whether you want to use a FLOODED/WET, GEL or AGM battery

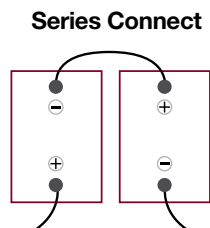
You are now ready to use the Product Specification Guide to choose the right battery and configuration.

Step 1: Determine your battery voltage and how many to use

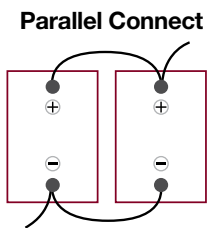
1-1 Based on your system voltage, you must first decide which battery and how many to use in order to meet your requirements. For example, you may connect a series of eight 6V batteries, six 8V batteries or four 12V batteries for a 48 volt system. The size of your battery compartment, your performance requirements and costs may limit your options.

1-2 Make sure there is enough space between batteries to allow for minor battery expansion that occurs during use and proper airflow to keep battery temperature down in hot environments.

TIP: Connecting batteries in series does not increase the capacity of the batteries; it simply increases the overall voltage to meet your system requirements. Once your voltage requirements are met, if space allows you can double the batteries in a parallel connection—thereby doubling your battery capacity. See below diagram.

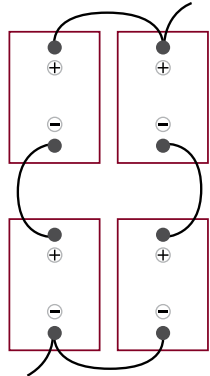


To increase voltage, connect batteries in series.



To increase amp-hour capacity, connect batteries in parallel.

Series/Parallel Connect



To increase both voltage and amp-hour capacity, connect batteries in series/parallel.

Step 2: Choose your best battery model

2-1 When choosing your battery model, first consider your battery compartment space as this may limit your options. However, within your size restrictions you may have several battery options to choose from. For example, you can use a T-605, T-105 or T-125 in the same space as they are the exact same physical size. The difference between these batteries is the amount of energy they have to offer.

2-2 Next consider your energy needs. If replacing an existing battery, use it as a reference point. If your old battery provided enough energy, it can be replaced with a similar capacity battery. If you need more energy you can size up, or if you need less you can size down.

TIP: If you do not know what battery to use, contact your equipment manufacturer for their recommended battery specification. Trojan Battery offers outstanding technical support provided by full-time applications engineers to help you select your ideal batteries.

Step 3: Select your best terminal

3-1 Finally determine which terminal option best meets your needs based on the type of cable connections you plan to use. Look for the terminal(s) available for the battery you selected (see photos on the back page of this guide) to make your selection.

TIP: Make sure you use the proper cable size when connecting your batteries so that you do not overheat your connections. For information regarding correct wire sizes you can refer to the National Electric Code, Trojan Battery User’s Guide, or contact Trojan’s live technical support.

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes			CAPACITY ^B Amp-Hours (AH)			TERMINAL TYPE (See Back Cover)	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@56 Amps	@75 Amps	5 Hr Rate	20 Hr Rate	100 Hr Rate		L	W	H ^F	
6 VOLT DEEP CYCLE BATTERIES												
GC2	T-605	383	-	105	175	210	232	1,3,4,5	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	58 (26)
GC2	T-105	447	-	115	185	225	250	1,3,4,5	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	62 (28)
GC2	T-105 Plus	447	-	115	185	225	250	1,2,4	10 3/8 (264)	7 1/8 (181)	10 11/16 (272)	62 (28)
GC2	T-125	488	-	132	195	240	266	1,3,4,5	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	66 (30)
GC2	T-125 Plus	488	-	132	195	240	266	1,2,4	10 3/8 (264)	7 1/8 (181)	10 11/16 (272)	66 (30)
GC2H	T-145	530	-	145	215	260	287	1,3,4,5	10 3/8 (264)	7 1/8 (181)	11 5/8 (295)	72 (33)
GC2H	T-145 Plus	530	-	145	215	260	287	1,2,4	10 3/8 (264)	7 1/8 (181)	11 1/2 (292)	72 (33)
DIN	TE35	500	-	135	200	245	271	4	9 5/8 (244)	7 1/2 (191)	10 7/8 (276)	68 (31)
901	J250G	475	-	130	195	235	260	5	11 1/2 (292)	7 (178)	11 7/8 (302)	67 (30)
901	J250P	540	-	135	215	250	276	6	11 11/16 (297)	7 (178)	11 1/2 (292)	72 (33)
902	J305G	620	-	170	255	310	343	5	12 1/4 (311)	7 (178)	14 3/8 (365)	90 (41)
902	J305P	675	-	175	270	315	348	6	11 5/8 (295)	7 (178)	14 3/8 (365)	95 (43)
902	J305H	745	-	195	285	335	370	6	11 5/8 (295)	7 (178)	14 3/8 (365)	97 (44)
903	L16G	750	-	185	305	370	409	5,9	12 1/4 (311)	7 (178)	17 (432)	106 (48)
903	L16P	805	-	200	320	390	433	6,9	11 5/8 (295)	7 (178)	16 3/4 (424)	113 (51)
903	L16H	885	-	225	345	420	466	6	11 5/8 (295)	7 (178)	16 3/4 (424)	124 (56)
8 VOLT DEEP CYCLE BATTERIES												
GC8	T-860	-	90	-	125	150	167	1	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	58 (26)
GC8	T-875	295	117	-	145	170	189	1,3,4	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	63 (29)
GC8	T-890	340	132	-	155	190	211	1,3,4	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	69 (31)
12 VOLT DEEP CYCLE BATTERIES												
24	24TMX	140	-	36	70	85	94	3	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	47 (21)
27	27TMX	175	-	45	85	105	117	3	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	55 (25)
27	27TMH	200	-	51	95	115	128	3,4,5	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	61 (28)
30H	30XHS	225	-	57	105	130	144	3,4,5	13 15/16 (355)	6 3/4 (171)	10 1/16 (256)	66 (30)
30H	31XHS	225	-	57	105	130	144	7	13 (330)	6 3/4 (171)	9 1/2 (241)	67 (30)
N/A	T-1275	280	102	-	120	150	166	1	12 7/8 (327)	7 1/8 (181)	10 7/8 (276)	82 (37)
N/A	T-1275 Plus	280	102	-	120	150	166	1,2,4	12 7/8 (327)	7 1/8 (181)	10 11/16 (272)	82 (37)
N/A	J150	280	-	70	120	150	166	2	13 13/16 (351)	7 1/8 (181)	11 1/8 (283)	84 (38)
N/A	J150 Plus	280	-	70	120	150	166	1,2,4	13 13/16 (351)	7 1/8 (181)	11 1/8 (283)	84 (38)
921	J185G	300	-	85	150	180	199	5	15 1/2 (394)	7 (178)	14 5/8 (371)	105 (48)
921	J185P	375	-	95	160	195	216	6	15 (381)	7 (178)	14 5/8 (371)	113 (51)
921	J185H	415	-	110	180	215	239	6	15 (381)	7 (178)	14 5/8 (371)	127 (58)
N/A	DC-500ML	1050	-	272	361	450	500	4,9	19 1/4 (489)	10 5/8 (270)	16 3/4 (425)	332 (151)
36 VOLT DEEP CYCLE BATTERIES												
N/A	18DC-500ML	1050	-	272	361	450	497	10	35 1/4 (895)	19 1/8 (486)	16 3/4 (425)	986 (447)
6 VOLT DEEP-CYCLE GEL BATTERIES												
GC2	6V-GEL	394	-	-	154	189	198	5	10 1/4 (260)	7 1/8 (181)	10 7/8 (276)	68 (31)
12 VOLT DEEP-CYCLE GEL BATTERIES												
24	24-GEL	147	-	-	66	77	85	6	10 7/8 (276)	6 3/4 (171)	9 5/16 (236)	52 (24)
27	27-GEL	179	-	-	76	91	100	5	12 3/4 (324)	6 3/4 (171)	9 1/4 (234)	63 (29)
31	31-GEL	200	-	-	85	102	108	5	12 15/16 (329)	6 3/4 (171)	9 5/8 (245)	69 (31)