

# THERSES



# Trojan

BATTERY COMPANY

## PRODUCT SPECIFICATION GUIDE

- Since 1925, Trojan has been the world's leading manufacturer of deep cycle batteries.
- Trojan batteries are a clean, reliable power source for golf, electric vehicle, floor machine, AWP, RV, marine, mobility and renewable energy.
- Trojan's proprietary Maxguard® Advanced Design Separator and exclusive Alpha Plus® Paste Formulation deliver longer life and enhanced performance.
- Trojan offers outstanding technical support; talk to an applications engineer at 800.423.6569 or visit [www.trojanbattery.com](http://www.trojanbattery.com) for round the clock access.
- With a wide variety of superior products, Trojan has a battery to meet your needs.





# battery specifications

Including  
**MINNOKOTA**  
 Marine Batteries by Trojan®

BCI Group Size	Type	Capacity <sup>A</sup> (Minutes)		Cranking Performance		5 Hr <sup>D</sup> Rate (AH)	20 Hr <sup>E</sup> Rate (AH)	Voltage	Terminal Config. (See Page 4)	Dimensions <sup>F</sup> inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA <sup>B</sup> @0°F	CA <sup>C</sup> @32°F					L	W	H	
<b>DEEP CYCLE - 6 VOLT</b>													
GC2	T-605	383	105	-	-	175	210	6	2,6,11	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	58 (26)
GC2	T-105	447	115	-	-	185	225	6	2,6,11	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	62 (28)
GC2	T-125	488	132	-	-	195	240	6	2,6,11	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	66 (30)
GC2H	T-145	530	145	-	-	215	260	6	2,6,11	10 3/8 (264)	7 1/8 (181)	11 5/8 (295)	72 (33)
DIN	TE35	500	135	-	-	200	245	6	2	9 5/8 (244)	7 1/2 (191)	10 7/8 (276)	68 (31)
N/A	J250G	475	130	-	-	195	235	6	11	11 5/8 (295)	7 (178)	11 7/8 (302)	67 (30)
N/A	J250P	540	135	-	-	215	250	6	7	11 5/8 (295)	7 (178)	11 1/2 (292)	72 (33)
N/A	J305G	620	170	-	-	255	310	6	11	11 5/8 (295)	7 (178)	14 3/8 (365)	90 (41)
N/A	J305P	675	175	-	-	270	315	6	7	11 5/8 (295)	7 (178)	14 3/8 (365)	91 (41)
N/A	J305H	745	195	-	-	285	335	6	7	11 5/8 (295)	7 (178)	14 3/8 (365)	97 (44)
N/A	L16G	750	185	-	-	305	370	6	1,11	11 5/8 (295)	7 (178)	17 (432)	106 (48)
N/A	L16P	805	200	-	-	320	390	6	1,7	11 5/8 (295)	7 (178)	16 3/4 (424)	113 (51)
N/A	L16H	885	225	-	-	345	420	6	7	11 5/8 (295)	7 (178)	16 3/4 (424)	121 (55)
<b>DEEP CYCLE - 8 VOLT</b>													
GC8	T-860	-	G	-	-	125	150	8	6	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	56 (25)
GC8	T-875	295	H	-	-	145	170	8	2,6,11	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	63 (29)
GC8	T-890	340	I	-	-	155	190	8	2,6,11	10 3/8 (264)	7 1/8 (181)	10 7/8 (276)	69 (31)
<b>DEEP CYCLE - 12 VOLT</b>													
24	24TMX	140	36	440	540	70	85	12	12	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	47 (21)
27	27TMX	175	45	530	650	85	105	12	12	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	55 (25)
27	27TMH	200	51	620	760	95	115	12	2,11,12	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	59 (27)
30H	30XHS	225	57	665	820	105	130	12	2,11,12	13 15/16 (355)	6 3/4 (171)	10 1/16 (256)	66 (30)
30H	31XHS	225	57	665	820	105	130	12	10	13 (330)	6 3/4 (171)	9 1/2 (241)	67 (30)
N/A	T-1275	280	J	-	-	120	150	12	13	12 7/8 (327)	7 (178)	10 7/8 (276)	82 (37)
N/A	J150	280	70	-	-	120	150	12	3	13 13/16 (351)	7 (178)	10 7/8 (276)	84 (38)
N/A	J185G	300	85	-	-	150	180	12	11	15 (381)	7 (178)	14 5/8 (371)	105 (48)
N/A	J185P	375	95	-	-	160	195	12	7	15 (381)	7 (178)	14 5/8 (371)	113 (51)
N/A	J185H	415	110	-	-	180	215	12	7	15 (381)	7 (178)	14 5/8 (371)	122 (55)
N/A	DC-500ML	1050	272	-	-	361	450	12	1,2	19 1/4 (489)	10 5/8 (270)	16 3/4 (425)	332 (151)
<b>DEEP CYCLE - 36 VOLT</b>													
N/A	18DC-500ML	1050	272	-	-	361	450	36	5	35 1/4 (895)	19 1/8 (486)	16 3/4 (425)	986 (447)





BCI Group Size	Type	Capacity <sup>A</sup> (Minutes)		Cranking Performance		5 Hr <sup>D</sup> Rate (AH)	20 Hr <sup>E</sup> Rate (AH)	Voltage	Terminal Config. see page 4	Dimensions <sup>F</sup> inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA <sup>B</sup> @0°F	CA <sup>C</sup> @32°F					L	W	H	
<b>VALVE REGULATED (GEL) - 12 VOLT</b>													
24	SG-70	138	-	-	-	65	75	12	1,4	11 3/16 (279)	6 11/16 (168)	9 (223)	52 (24)
27	SG-90	169	-	-	-	77	86	12	1,4	13 1/16 (327)	6 11/16 (168)	9 (223)	61 (28)
<b>TROJAN MARINE/RV DEEP CYCLE</b>													
24	SCS150	150	36	530	650	80	100	12	8	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	50 (23)
27	SCS200	200	52	620	760	95	115	12	8	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	60 (27)
30H	SCS225	225	57	665	820	105	130	12	8	13 15/16 (355)	6 3/4 (171)	9 7/8 (251)	66 (30)
<b>TROJAN MARINE/RV STARTING</b>													
24	24SM-650	85	-	520	635	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	38 (17)
24	24SM-850	125	-	700	860	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	43 (20)
24	24SM-1000	165	-	825	1025	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	49 (22)
27	27SM-1100	205	-	860	1050	-	-	12	9	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	55 (25)
<b>TROJAN MARINE/RV MAINTENANCE FREE STARTING</b>													
24	24SM-850MF	125	-	700	860	-	-	12	9	10 3/16 (258)	6 1/2 (165)	9 7/16 (239)	43 (20)
24	24SM-1000MF	165	-	825	1025	-	-	12	9	10 3/16 (258)	6 1/2 (165)	9 7/16 (239)	49 (22)
<b>TROJAN MARINE/RV DUAL PURPOSE</b>													
24	24TMS	125	34	470	575	62	72	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	41 (19)
24	24TM	135	34	550	675	66	85	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	44 (20)
27	27TMS	145	39	550	675	73	85	12	9	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	48 (22)
27	27TM	160	38	630	770	79	105	12	9	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	50 (23)
<b>TROJAN MARINE/RV AGM DUAL PURPOSE</b>													
24	24-AGM	130	-	440	620	61	80	12	9	10 13/16 (259)	6 5/8 (168)	8 7/8 (226)	52 (24)
27	27-AGM	175	-	560	780	76	100	12	9	12 (305)	6 5/8 (168)	9 3/16 (233)	66 (30)
31	31-AGM	190	-	720	950	83	110	12	9	13 1/16 (208)	6 7/8 (174)	8 11/16 (221)	71 (32)
4D	4D-AGM	325	-	1110	1420	131	165	12	9	20 7/8 (530)	8 1/4 (209)	9 3/8 (237)	115 (52)
8D	8D-AGM	460	-	1450	1850	179	230	12	9	20 1/2 (521)	10 9/16 (269)	8 7/8 (226)	155 (70)
GC2	6V-AGM	385	-	1100	1400	154	200	6	9	10 1/4 (260)	7 1/16 (179)	10 5/8 (270)	65 (29)
<b>MINN KOTA BY TROJAN DEEP CYCLE - 12 VOLT</b>													
24	MK24DC	140	36	440	540	70	85	12	12	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	47 (21)
27	MK27DC	175	45	530	650	85	105	12	12	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	55 (25)
30H	MK31DC	190	50	575	710	100	120	12	12	13 15/16 (355)	6 3/4 (171)	9 7/8 (251)	66 (30)
<b>MINN KOTA BY TROJAN DUAL PURPOSE STARTING/DEEP CYCLE - 12 VOLT</b>													
24	MK24DP	125	34	470	575	62	72	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	41 (19)
27	MK27DP	145	39	550	675	73	85	12	9	12 3/4 (324)	6 3/4 (171)	9 3/4 (248)	48 (22)
<b>MINN KOTA BY TROJAN STARTING - 12 VOLT</b>													
24	MK550ST	65	-	420	515	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	36 (16)

- A. Reserve Capacity or Capacity - the number of minutes a battery can be discharged at 25, 56 (Golf Deep Cycle batteries only) or 75 amps at 80°F and maintain a voltage above 1.75 v/cell.
- B. C.C.A. (Cold Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintained for 30 seconds at 0°F at a voltage above 1.2 v/cell.
- C. C.A. (Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintained 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.
- D. 5 hour rate is based on IEC (International Electrotechnical Commission) temperature standard of 30°C (86°F).
- E. 20 hour rate is a BCI sanctioned rating expressing ampere hours required to achieve an end voltage of 1.75 v/cell at 80°F and represents the batteries maximum capacity.
- F. All dimensions taken from bottom of battery to top of terminal. Heights may vary according to type of terminals specified.
- G. Capacity @56 Amps is 90 Minutes.
- H. Capacity @56 Amps is 117 Minutes.
- I. Capacity @56 Amps is 132 Minutes.
- J. Capacity @56 Amps is 102 Minutes.

# terminal configurations

- |                                |   |
|--------------------------------|---|
| 1 "L" Terminal (LT)            | 7 AP and Stud Terminal (DT)             |
| 2 Automotive Post (AP)         | 8 Dual Wingnut Terminal (DWNT)          |
| 3 Embedded AP with Stud (EAPS) | 9 Marine Dual Terminal (APW)            |
| 4 Button Terminal              | 10 Stud Terminal                        |
| 5 Cable and Plug               | 11 Universal Terminal (UT)              |
| 6 Low Profile Terminal (LPT)   | 12 Wingnut (WNT)                        |
|                                | 13 Embedded Low Profile Terminal (ELPT) |



**"L" Terminal (LT)**



**Automotive Post (AP)**



**Embedded AP with Stud Terminal (EAPS)**



**Button Terminal**



**Low Profile Terminal (LPT)**



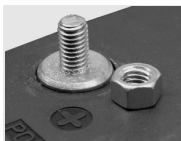
**AP and Stud Terminal (DT)**



**Dual Wingnut Terminal (DWNT)**



**Marine Dual Terminal (APW)**



**Stud Terminal**



**Universal Terminal (UT)**



**Wingnut Terminal (WNT)**



**Embedded Low Profile Terminal (ELPT)**

**AVAILABLE FROM TROJAN MASTER DISTRIBUTORS WORLDWIDE**

Photos are for reference only.



*For a Master Distributor near you, call 800-423-6569 or 562-946-8381  
or visit [www.trojanbattery.com](http://www.trojanbattery.com).  
Clean energy for life™*