

Deep



# 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, renewable energy and commercial truck applications.
- 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  
**MINN-KOTA**  
Marine Batteries by Trojan®

BCI Group Size	Type	Capacity <sup>C</sup> Minutes		Cranking Performance		5 Hr <sup>D</sup> Rate AH	20 Hr <sup>E</sup> Rate AH	Voltage	Terminal Config. (See last page)	Dimensions <sup>F</sup> inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA <sup>A</sup> @0°F	CA <sup>B</sup> @32°F					L	W	H	
		DEEP CYCLE - 6 VOLT											
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	1,2,6,11	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)
DEEP CYCLE - 8 VOLT													
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)
DEEP CYCLE - 12 VOLT													
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)	9 3/8 (238)	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	5SHP	275	78	400	490	135	165	12	2	13 5/8 (346)	6 3/4 (171)	11 3/8 (289)	86 (39)
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)
8D	EV8D-2	450	87	-	-	167	216	12	2	20 1/2 (521)	10 15/16 (278)	9 1/2 (241)	132 (60)
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)
DEEP CYCLE - 36 VOLT													
N/A	18DC-500ML	1050	272	-	-	361	450	36	5	35 1/4 (895)	19 1/8 (486)	16 3/4 (425)	986 (447)
COMMERCIAL STARTING - 6 VOLT													
4	H4-2	205	-	940	1150	-	-	6	2	12 7/8 (327)	7 (178)	9 3/8 (238)	44 (20)
4	XH4-2	265	-	1100	1350	-	-	6	2	12 7/8 (327)	7 (178)	9 3/8 (238)	47 (21)
COMMERCIAL STARTING - 12 VOLT													
31	C31-850	190	-	850	1040	-	-	12	2, 10	13 (330)	6 3/4 (171)	9 3/8 (238)	59 (27)
31	C31-1000	200	-	1000	1225	-	-	12	2, 10	13 (330)	6 3/4 (171)	9 3/8 (238)	61 (28)
4D	4D-2	390	-	1000	1220	-	-	12	2	20 5/8 (524)	8 3/4 (222)	9 1/2 (241)	99 (45)
8D	C8D-2	350	-	1050	1285	-	-	12	2	20 1/2 (521)	11 (279)	9 1/2 (241)	109 (49)
8D	8DX-2	400	-	1200	1470	-	-	12	2,3	20 1/2 (521)	11 (279)	9 1/2 (241)	119 (54)
8D	XH8D-2	450	-	1300	1590	-	-	12	2	20 1/2 (521)	11 (279)	9 1/2 (241)	132 (60)



BCI Group Size	Type	Capacity <sup>C</sup> Minutes		Cranking Performance		5 Hr <sup>D</sup> Rate AH	20 Hr <sup>E</sup> Rate AH	Voltage	Terminal Config. (See last page)	Dimensions <sup>F</sup> inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA <sup>A</sup> @0°F	CA <sup>B</sup> @32°F					L	W	H	
VALVE REGULATED (GEL) - 12 VOLT													
U1	SG-30	50	-	-	-	27	30	12	1,4	7 5/8 (194)	5 3/16 (133)	7 (172)	23 (10)
22NF	SG-50	96	-	-	-	47	52	12	1,4	9 1/16 (229)	5 7/16 (138)	9 (223)	38 (17)
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)
TROJAN MARINE/RV DEEP CYCLE													
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 3/4 (248)	66 (30)
TROJAN MARINE/RV STARTING													
24	24SM-550	65	-	420	515	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	36 (16)
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)
TROJAN MARINE/RV MAINTENANCE FREE STARTING													
24	24SM-550MF	65	-	420	515	-	-	12	9	10 3/16 (258)	6 1/2 (165)	9 7/16 (239)	36 (16)
24	24SM-650MF	85	-	520	635	-	-	12	9	10 3/16 (258)	6 1/2 (165)	9 7/16 (239)	38 (17)
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)
TROJAN MARINE/RV DUAL PURPOSE													
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)
TROJAN MARINE/RV AGM DUAL PURPOSE													
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)
MINN KOTA BY TROJAN DEEP CYCLE - 12 VOLT													
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	57	665	820	105	130	12	12	13 15/16 (355)	6 3/4 (171)	9 3/8 (238)	66 (30)
MINN KOTA BY TROJAN DUAL PURPOSE STARTING/DEEP CYCLE - 12 VOLT													
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)
MINN KOTA BY TROJAN STARTING - 12 VOLT													
24	MK550ST	65	-	420	515	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	36 (16)
24	MK650ST	85	-	520	635	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	38 (17)
24	MK1000ST	165	-	825	1025	-	-	12	9	11 1/4 (286)	6 3/4 (171)	9 3/4 (248)	49 (22)
MINN KOTA BY TROJAN VALVE REGULATED (AGM) DUAL PURPOSE STARTING/DEEP CYCLE - 6/12 VOLT													
24	MK24AGM	130	-	440	620	61	80	12	11	10 13/16 (259)	6 5/8 (168)	8 7/8 (226)	52 (24)
27	MK27AGM	175	-	560	780	76	99	12	11	12 (305)	6 5/8 (168)	9 3/16 (233)	66 (30)
31	MK31AGM	190	-	720	950	83	110	12	11	13 1/16 (208)	6 7/8 (174)	8 11/16 (221)	71 (32)

- A. 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.
- B. 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.
- C. 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.
- 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.

# terminal configurations

- |   |                            |    |                              |
|---|----------------------------|----|------------------------------|
| 1 | "L" Terminal (LT)          | 7  | AP and Stud Terminal (DT)    |
| 2 | Automotive Post (AP)       | 8  | Dual Wingnut Terminal (DWNT) |
| 3 | Bus Terminal (BT)          | 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)                |



**"L" Terminal  
(LT)**



**Automotive  
Post  
(AP)**



**Bus Terminal  
(BT)**



**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)**

Photos are for reference only.

**AVAILABLE FROM TROJAN MASTER DISTRIBUTORS WORLDWIDE**



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Clean energy for life™*