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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 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 ^A (Minutes)		Cranking Performance		5 Hr ^D Rate (AH)	20 Hr ^E Rate (AH)	Voltage	Terminal Config. (See Page 2)	Dimensions ^F inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA ^B @0°F	CA ^C @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	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)	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	290	J	-	-	125	150	12	13	12 7/8 (327)	7 (178)	10 7/8 (276)	82 (37)
N/A	J150	290	70	-	-	125	150	12	3	13 13/16 (351)	7 (178)	10 7/8 (276)	84 (38)
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)
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)





BCI Group Size	Type	Capacity ^A (Minutes)		Cranking Performance		5 Hr ^D Rate (AH)	20 Hr ^E Rate (AH)	Voltage	Terminal Config. (See Below)	Dimensions ^F inches (mm)			Weight lbs. (kg)
		@25 Amps	@75 Amps	CCA ^B @0°F	CA ^C @32°F					L	W	H	
VALVE REGULATED (GEL) - 12 VOLT													
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 7/8 (251)	66 (30)
TROJAN MARINE/RV STARTING													
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-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	50	575	710	100	120	12	12	13 15/16 (355)	6 3/4 (171)	9 7/8 (251)	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)

- 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.
Clean energy for life™*