Trojan® BATTERY COMPANY

DEEP-CYCLE GEL™

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PREMIUM DEEP CYCLE TECHNOLOGY WITH MAINTENANCE FREE CONVENIENCE

With over 85 years of experience, Trojan Battery - **the most trusted name in deep cycle flooded/wet technology** - offers the next best thing: Deep-Cycle Gel™ batteries.

Trojan Deep-Cycle Gel batteries are maintenance free and require no watering, while providing you with the unmatched quality and power of Trojan's advanced deep cycle technology. Trojan offers a complete portfolio of Deep-Cycle Gel products, featuring these benefits:

- ***Long-lasting runtime and battery life in the most demanding of applications***
- ***Proprietary Gel formulation prevents stratification***
- ***Superior engineering offers exceptional durability***
- ***Sealed containers ensure safe use in schools, hospitals, office buildings and other health & safety-sensitive (HSE) environments***

Trojan Deep-Cycle Gel is engineered for high performance in deep-discharge and heavy-duty cycling applications:

- Aerial Work Platform (AWP)/Access
- Floor Machine
- Golf/Utility/Neighborhood Electric Vehicle (NEV)
- Industrial
- Material Handling
- Recreational Vehicle (RV)
- Remote Monitoring & Instrumentation
- Renewable Energy (Solar, Small Wind and Small Hydro)

DEEP-CYCLE GEL IS AVAILABLE WORLDWIDE THROUGH TROJAN'S MASTER DISTRIBUTOR NETWORK.

DEEP-CYCLE GEL™

PRODUCT SPECIFICATION GUIDE

BCI GROUP SIZE	TYPE	VOLTAGE	CAPACITY [A] Minutes	CRANKING Performance		CAPACITY [B] Amp-Hours (AH)		TERMINAL TYPE (See Below)	UN Code	DIMENSIONS [C] Inches (mm)			WEIGHT lbs. (kg)
			@25 Amps	C.C.A. [D] @0°F	C.A. [E] @32°F	5 Hr Rate	20 Hr Rate			L	W	H [F]	
DEEP-CYCLE GEL BATTERIES													
GC2	6V-Gel	6 Volt	394	575	825	154	189	5	UN2800	10 1/4 (260)	7 1/8 (181)	10 7/8 (276)	68 (31)
DIN	TE35-Gel	6 Volt	-	-	-	180	210	4	UN2794	9 5/8 (244)	7 1/2 (190)	10 7/8 (276)	69 (31)
24	24-Gel	12 Volt	147	330	460	66	77	5, 6	UN2800	10 7/8 (276)	6 3/4 (171)	9 5/16 (236)	52 (24)
27	27-Gel	12 Volt	179	395	545	76	91	5	UN2800	12 3/4 (324)	6 3/4 (171)	9 1/4 (234)	63 (29)
31	31-Gel	12 Volt	200	445	620	85	102	5	UN2800	12 15/16 (329)	6 3/4 (171)	9 5/8 (245)	69 (31)
DIN	5SHP-Gel	12 Volt	-	-	-	110	125	4	UN2794	13 9/16 (345)	6 3/4 (171)	11 1/8 (283)	85 (39)

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.

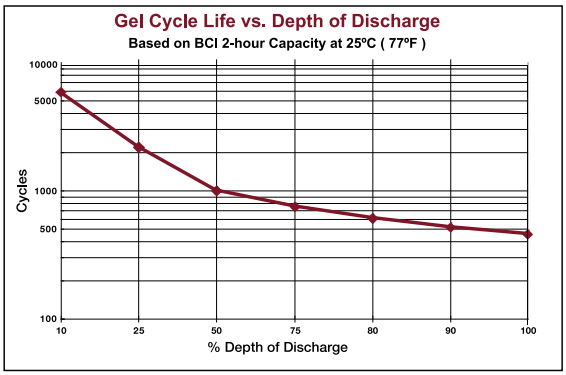
B. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) for the 20 Hr and 86°F (30°C) for the 5 Hr rate and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.

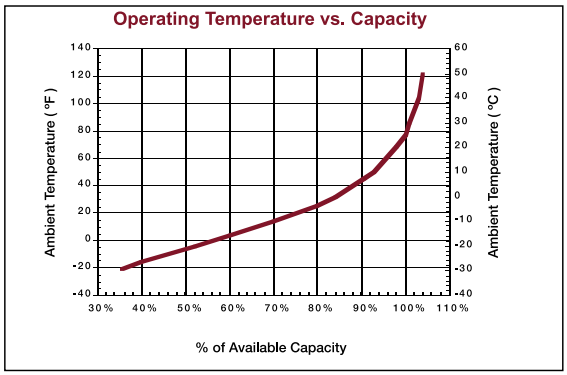
C. Dimensions are based on maximum size. Dimensions may vary depending on type of handle or terminal. Batteries to be mounted with .5 inches (12.7mm) spacing minimum.

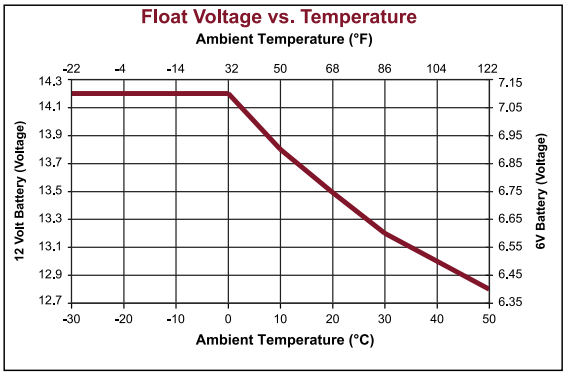
D. C.C.A. (Cold Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 0°F at a voltage above 1.2 V/cell.

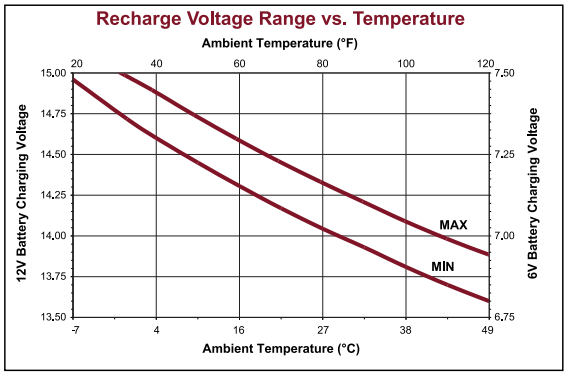
E. C.A. (Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 32°F at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 32°F or M.C.A. @ 32°F.

F. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.









Charging Instructions:
Do not install or charge batteries in a sealed or non-ventilated compartment. Only use a temperature compensated, constant potential, voltage-regulated charger. Constant under or overcharging will damage the battery and shorten its life as with any battery.

For 12V batteries: charge to at least 14.1 volts but no more than 14.4 volts at 77°F (25°C).

For 6V batteries: charge to at least 7.05 volts but no more than 7.2 volts at 77°F (25°C).

TERMINAL CONFIGURATIONS

Automotive Post Terminal

Universal Terminal

Automotive Post & Stud Terminal

Trojan® BATTERY COMPANY
Clean energy for life™

Trojan batteries are available worldwide through Trojan's Master Distributor Network.
We offer outstanding technical support, provided by full-time application engineers.

For a Trojan Master Distributor near you,
call 800.423.6569 or + 1.562.236.3000 or visit www.trojanbattery.com

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