



# TROJAN<sup>®</sup> GC2 48V LITHIUM-ION BATTERY



## BATTERY SET-UP GUIDE

### QUANTITY GUIDANCE FOR TROJAN GC2 48v LITHIUM-ION BATTERIES FOR GOLF, UTILITY AND PEOPLE MOVER VEHICLES

The Standard Setup is based on 1-2 people per vehicle and mostly flat to low-grade terrain. Performance Setup is recommended for continuous use under heavy load, such as 3+ passengers or payload, hilly terrain operation (> 5% grade) or towing/hauling applications. Recommendations are based on typical vehicle applications. Please contact your local Authorized Dealer for more details on modified vehicles. High current draw applications will require larger gauge power cables.

Golf Car Type	Vehicle Description	Standard Setup	Performance Setup
Standard Golf Cars	< 15 mph Top Speed	2 x 48V Batteries 60Ah Capacity 30-45 Miles	3 x 48V Batteries 90Ah Capacity 45-60 Miles
	Stock Motor Controller (250A)		
	Battery Maximum Amperage Draw < 90A		
	Standard LED Lights and USB Chargers		
Modified Golf Cars	15 - 23 mph Top Speed	3 x 48V Batteries 90Ah Capacity 45-60 Miles	4 x 48V Batteries 120Ah Capacity 60-75 Miles
	Upgraded Motor Controller (300-400A)		
	Maximum Amperage Draw < 135A		
	Multiple 12V accessories, Larger Tires and Lift Kit		
High Speed Golf Cars	> 23 mph Top Speed	3 x 48V Batteries 90Ah Capacity 45-60 Miles	4 x 48V Batteries 120Ah Capacity 60-75 Miles
	Upgraded Motor Controller (400-600A)		
	Maximum Amperage Draw < 135A		
	Multiple 12V accessories, Larger Tires and Lift Kit		
Utility, Off-Road and People Movers	High Torque Setup	4 x 48V Batteries 120Ah Capacity 45-60 Miles	5 x 48V Batteries 150Ah Capacity 60-75 Miles
	Upgraded Motor Controller (400-600A)		
	Maximum Amperage Draw < 180A		
	High Current Accessories (Spotlights, Winches, etc.)		

\* Standard range based on certain assumptions. Actual driving range will vary based on various factors, including, but not limited to, load, operator, equipment and terrain.



For your local Authorized Trojan Dealer,  
call 800.423.6569 or + 1.562.236.3000 or visit [www.trojanbattery.com](http://www.trojanbattery.com)

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