

MODEL	TR GC2-48-G	
VOLTAGE	51.2V	
NOMINAL CAPACITY	30Ah (1,536Wh)	
CASE	ABS/FR	
BATTERY	Deep-Cycle Lithium Iron Phosphate	
COLOR	Maroon	
CYCLE LIFE	> 4,000 Cycles @ 70% DOD*	
INTELLIGENCE	Multiple Microprocessors, State of Charge Gauge	
	with Aging Compensation, Current Sensor, Fuse, CAN Bus	



GOLF 48

PHYSICAL SPECIFICATIONS									
BCI	MODEL	TERMINAL TYPE ⁴	TERMINAL TORQUE IN-LBS (NM)	DIMENSIONS INCHES (MM)		WEIGHT [®] LBS. (KG)	HANDLES	INSTALLATION ORIENTATION	
C 02	CO2 TD CO2 40 C	M0.1.2E v 1Emm Chud	00.00.(0.10)	LENGTH	WIDTH	HEIGHT	27 (10 0)	Domovable	Vertical
GC2 TR GC2-48-G	M8-1.25 x 15mm Stud	80-90 (9-10)	10.4 (264)	7.1 (180)	10.9 (278)		Removable	vertical	

ELECTRICAL SPECIFICATIONS					
VOLTAGE	CAPACITY AMP-HOURS (AH)			ENERGY (KWH)	SHORT CIRCUIT CURRENT
51.2V	5-Hr (18A)	10-Hr (9A)	20-Hr (4.6A)	20-Hr	Fund 1F0A
	30	30	30	1.536	Fused 150A

CHARGER INSTRUCTIONS

CHARGER SETTINGS				

SAFETY/AGENCY INFORMATION

CERTIFIED TO THE FOLLOWING				
UN/DoT 38.3	Cells: IEC 62133-2, UL 1642, UN38.3	FCC Part 15		
ROHS Compliant	UL 2271, UL 1998, UL 991: (Pending)	CE		



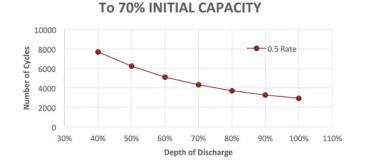
OPERATIONAL SPECIFICATIONS				
OPERATING TEMPERATURE RANGE	STORAGE TEMPERATURE RANGE			
-4°F to 140°F (-20°C to 60°C)	-40°F to 140°F (-40°C to 60°C)			

OTHER SPECIFICATIONS

PERFORMANCE AND SYSTEM SPECIFICATIONS @ 77°F (25°C)				
Maximum Continuous Discharge Current	40A			
Maximum Pulse Discharge Current (30s)	150A			
Maximum Instantaneous Discharge Current	155A			
Reserve Capacity @ 25A	72 Min			
Battery Internal Protection	Short Circuit Current Temperature Over Voltage Under Voltage Over-current			
Battery Functions	Cell Balancing, State of Charge, CAN			
Safety Systems	Fuse, hardware, BMS			
Discharge Voltage Cutoff	40.5V ± 5%			
Charge Voltage Cutoff	40.8V ± 5%			
Environmental Protection	IP67			
Shipping Classification	UN3480, Class 9			
Case Flame Rating	UL94 V-0			

Do not mix with lead-acid batteries when recycling *To 70% initial capacity

CYCLE LIFE



STATE OF CHARGE INDICATOR GUIDE

LED COLOR INDICATION INDICATOR VISUAL BATTERY CONDITION 4 Blue LEDs 76% - 100% Capacity Remaining **3 Blue LEDs** 51% - 75% Capacity Remaining OK 2 Blue LEDs 26% - 50% Capacity Remaining 1 Blue LED 0% - 25% Capacity Remaining Red LED Active Alarm / Fault Condition in the Battery ALARM Green LED Normal Operation

The Trojan® GC2 48V Lithium-Ion features include a battery status push button and indicator light on the top of the case. A momentary press of the button displays the battery's State of Charge and operating status.

NOTE: Consult Trojan® GC2 48V Lithium-Ion User's Guide for more information at trojanbattery.com

BATTERY DIMENSIONS

Dimensions Inches (mm) - shown with M8







TECHNICAL SUPPORT

Call Trojan Battery Technical Support: United States and Canada: 800-423-6569, dial ext. 3045 International: +1-562-236-3045

Email: technical@trojanbattery.com

On the web: trojanbattery.com/tech-support/



A. Terminal images are representative only
B. Weight may vary



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DISCHARGE PROFILE

