



## GOLF CART BATTERY DATA SHEET

# 70.4V 105AH

GCB-70105



**Designed & Engineered in the USA**  
**Advanced System & Component Integration**  
**Robust Safety, Performance & Reliability**  
**Designed for Ease of Installation**  
**Automotive Grade: A Lithium Cells**  
**Advanced BMS Technology**  
**Bluetooth Enabled**  
**Native CAN Bus & RS485 Communication**  
**Rated IP67 Weather Resistant**

GENERAL		COMMUNICATION	
Normal Voltage	70.4V	Bluetooth	Yes
Working Voltage	59.4V-80.3V	CAN	Yes
Recommended Voltage	66.0V-78.3V		
Cell Count	22		
Normal Capacity	105Ah		
Energy	7,392Wh		
Reserve @25A	252 Minutes		
Self Discharge	1% Per Month		
IP Rating	IP67		
Cycles	+4,000		
CHARGING		SAFETY	
Recom. Charge Current	<52A	Charging Freeze Protection	Yes - Under 32F
Max Charge Current	105A	Pack Over-Voltage	Yes
Bulk/Absorb Voltage	78.1V	Cell Balancing	Yes
Float Voltage	77.0V or Off	Pack Under-Voltage	Yes
BMS High Voltage Cutoff	81.4V	Cell Under-Voltage	Yes
Charging Temp Range	32F to 130F	Cell Over-Temp	Yes
		BMS Over-Temp	Yes
		Short Circuit/Over Current	Yes
		Certifications	UN38.3, UL1642 Cell
DISCHARGING		PHYSICAL	
Max Continuous Discharge	250A	Cell Chemistry	Lithium Iron Phosphate
Max Discharge 3 Sec	500A	Cell Type	Prismatic
Max Discharge 30 Sec	400A	Cell Configuration	1P22S
Recom. Voltage Cutoff	66.0V	Series Connectable	No
BMS Voltage Cutoff	59.4V	Parallel Connectable	Yes, up to 2
BMS Voltage Recovery	63.8V	Weight	136.7 lbs (62kg)
Discharge Temp Range	-10F to 140F	Dimension LxWxH	21.7" x 12.6" x 10.25"
		Shell Type	Powder Coated Steel
		UN Shipping Class	UN 3480

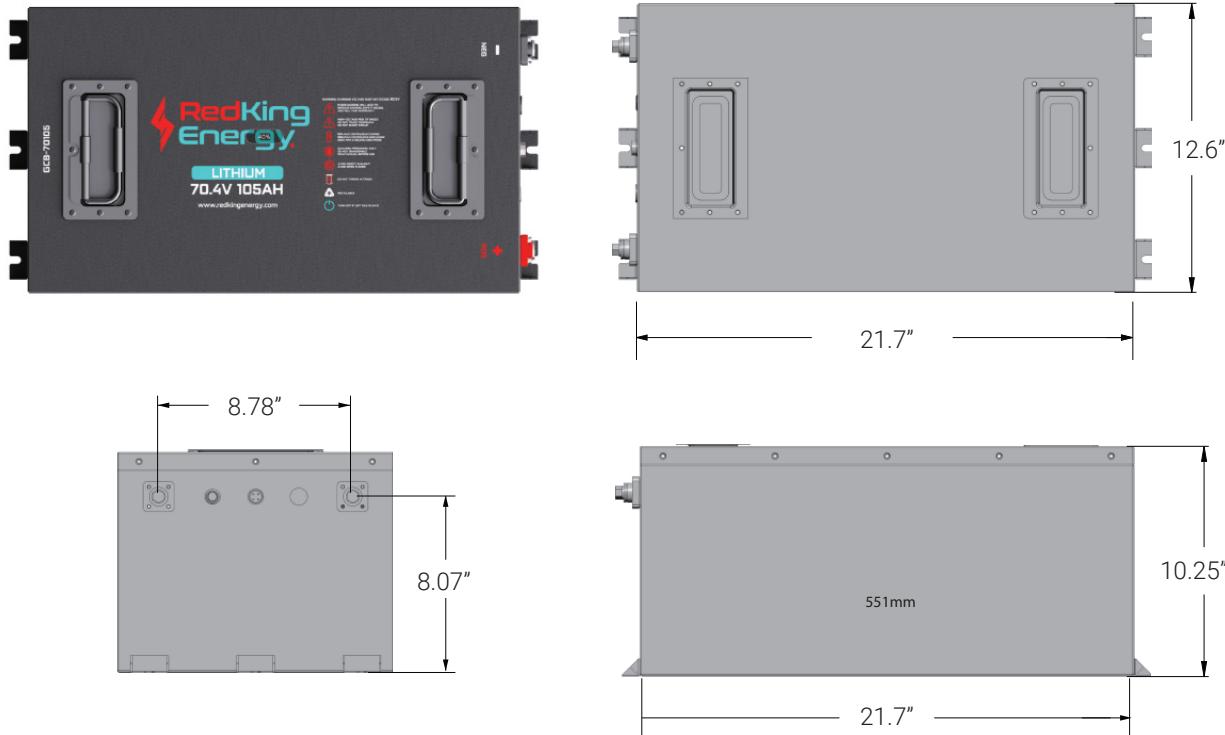
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### DIMENSIONS

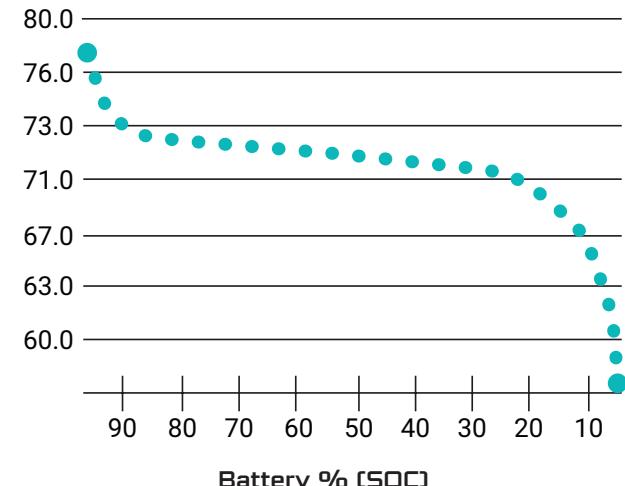


### TORQUE Specs

MB Terminal Bolts

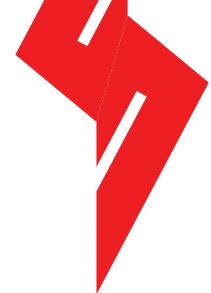
6ft/lbs (72in/lbs)

### VOLTAGE CURVE





info@redkingenergy.com  
RedKingEnergy.com



# READ BEFORE INSTALL!



**HEAVY  
TEAM LIFT REQUIRED**



**HIGH VOLTAGE  
HANDLE WITH CARE**



**DO NOT PRESSURE  
WASH OR SUBMERGE**



**CHARGE BATTERY  
BEFORE USE**

## WARNINGS

High Voltage. DO NOT install or service this battery unless you are properly trained.

Use only with components that have the same voltage and current rating as the battery.

DO NOT touch or connect to the terminals unless the battery is manually turned off.

DO NOT open or attempt to service the battery, there are no user serviceable parts inside.

## USE & CARE

Charge the battery every night to ensure it is always fully charged and ready to use.

Batteries will not charge if the internal battery temperature falls below 34F.

DO NOT pressure wash, submerge, or use chemical agents to clean your battery.

Clean the battery using a damp cloth that does not include chemical agents.