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Elite Power Solutions

Specifications of

Golf Car Battery System

ePower4803c/e

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Chandler, AZ 85225

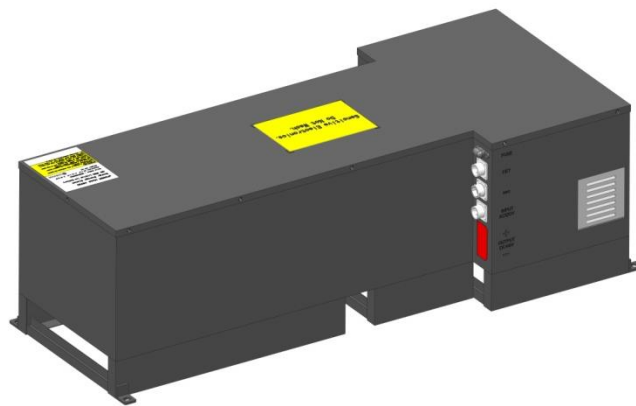
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1. Overview

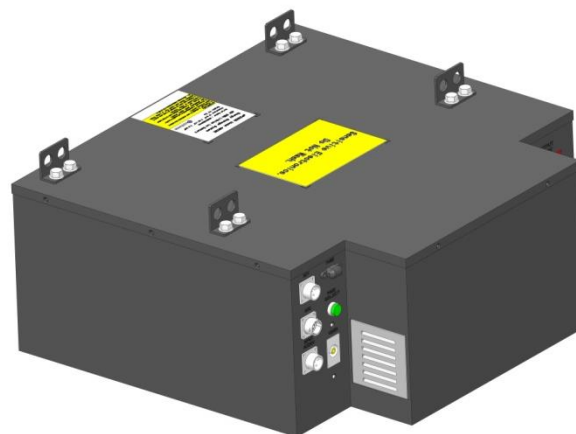
The ePower 4803 line of products is a fully enclosed, all-in-one, drop in 48 volt Lithium-Ion battery intended for use in golf cars. The ePower 4803c model fits in a Club Car Precedent. The ePower 4803e model fits in an EZ GO RXV. These are some of the most commonly available golf car models available in the market.

The ePower 4803 line includes a standard 15 amp on board charger inside of the battery case which will recharge the unit in 4 hours or less.

The lithium ion battery in the ePower 4803 series offers high round trip charge/discharge efficiency compared to traditional lead acid batteries, a longer service life and no maintenance is required.



ePOWER4803c for Club Car Vehicles



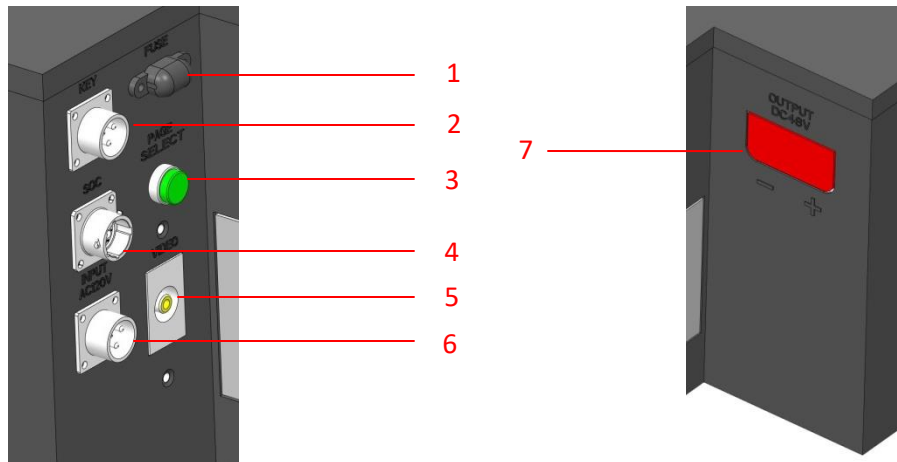
ePOWER4803e for EZ-GO Vehicles

2. System Parameters

System Parameters	
Model	ePOWER4803c/e
Nominal Voltage	51.2 VDC
Battery Capacity	60 Ah / 3.07 kWh
Usable Capacity	48Ah / 2.45 kWh
Dimensions	847x360x270 mm (ePOWER4803c) 522x502x213 mm(ePOWER4803e)
Weight	124 lbs (ePOWER4803c) 117 lbs (ePOWER4803e)
Charging Parameters	
AC Input	120 VAC
Max Charging Time	Up to 4 hours
Internal DC Charging Current	15 A
Discharging Parameters	
Maximum Recommended Motor/Controller Rating	5 kW or 6.3 HP (Continuous Rating)
Max Continuous Current	100 A
Max Discharging Current (< 10 Sec)	180 A
Min System Voltage	47.0 V
Operating Environment	
Charging Temperature	32 to 149 F (0 to 65 C)
Discharging Temperature	-4 to 149 F (-20 to 65 C)
Storage Temperature	-4 to 149 F (-20 to 65 C)
Humidity	Up to 95% Non-Condensing

The ePower 4803 model is not recommended for use with high speed motors or controllers. The ePower 4805 model is capable of higher discharge current and is more suitable for such vehicles.

3. Inputs and Outputs



1. Fuse
2. Key Switch Control
3. Page Select Button
4. SOC Gauge Connection

5. Video Display Connection
6. 110VAC Input
7. DC Output to Motor Controller



State-of-Charge (SOC) Gauge

4. Limited Warranty

The ePOWER4803c/e system comes with four year limited warranty. The detailed terms and conditions of the warranty are described in user manual.