



The **WISE** Choice

EASTMAN WORLD

Welcome to Eastman World - Your Global Partner in Energy Solutions!



GOLF CART BATTERIES

105Ah ~ 230Ah

Eastman Introduction

Founded in 2006

Established in 2006, Eastman Auto & Power Limited is a well-known name in the field of solar energy, energy storage, and power electronics, boasting a USD 300 million revenue and a dedicated workforce of over 3,000 professionals. Building on the group's decades-long success and maintaining the trust of our partners, Mr. Jagdish Rai Singal ventured into the future of energy with Eastman Auto & Power Limited. Today, the business spans over 25 countries across Asia and Africa, providing the world with cutting-edge products that have set new benchmarks in their respective segments. Driven by innovation, we continually set industry standards, ensuring uninterrupted power supply for residential, commercial, and industrial applications.

Our global solar distribution business provides reliable and high-quality solar solutions, including solar inverters, solar panels, solar batteries (tubular, carbon, gel and lithium) solar pump inverters, solar charge controllers, and more. Our products offer a range of solutions to help you make the switch to clean energy. With us as your unwavering partners, we forge a sustainable future, amplifying global excellence through transformative products and services.



GOLF CART BATTERIES



38.4V



51.2V



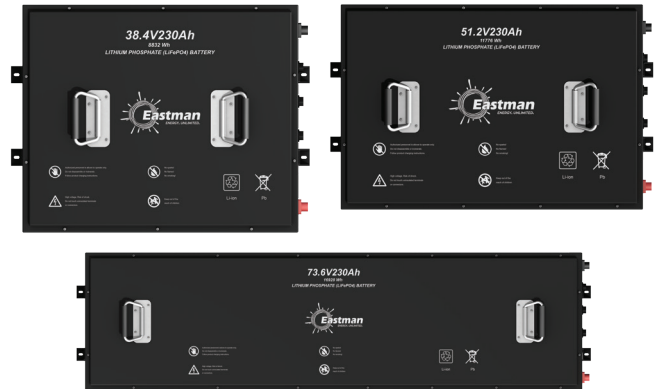
73.6V



GOLF CART BATTERIES

38.4V | 51.2V | 73.6V

105Ah ~ 230Ah



Eastman Golf Cart (LiFePO4) batteries are designed to replace the lead acid batteries. They are longer lasting, longer range, free from daily maintenance and have a designed life-span of 10 years. They also offer high charging efficiency and less power consumption.

Product Features



Safe and reliable

- Brand new A-grade lithium iron phosphate battery with high safety performance
- All-in-one BMS intelligent protection



Technical features

- Weak current switch, when not in use, can cut off the external output
- The dormant state has low power consumption, which is suitable for product export needs



System services

- RS485 and CAN are used for external communication
- LCD screen show the data of battery



Full functioning

- Foldable carry handle for easy handling
- IP67 water and dust resistance
- Deep cycle and longer life span than lead acid battery

Product Specifications



38.4V

	ES38.4-105G	ES38.4-150G	ES38.4-230G
Nominal Voltage	38.4V	38.4V	38.4V
Nominal Capacity	105Ah	150Ah	230Ah
Efficiency	≥96%	≥96%	≥96%
Cell Type	LiFePO4	LiFePO4	LiFePO4
Charge Voltage	43.8V	43.8V	43.8V
Standard Charging Current	21A	30A	46A
Max.Continuous Charging Current	200A	250A	250A
Standard Discharge Current	52.5A	75A	115A
Continuous Discharge Current	200A	250A	250A
Peak Discharge Current	400A (5~15ms)	500A (5~15ms)	500A (5~15ms)
Discharge Cut-off Voltage	30V	30V	30V
Charge Temperature Range	0~60°C	0~60°C	0~60°C
Discharge Temperature Range	-10°C~60°C	-10°C~60°C	-10°C~60°C
Storage Temperature Range	-5~40°C	-5~40°C	-5~40°C
Storage Humidity	65±20%HR	65±20%HR	65±20%HR
Size(L×W×H)	340*259*280mm	550*265*280mm	485*400*280mm
Package Size (L×W×H)	410*310*320mm	620*315*320mm	555*450*320mm
Shell Material	Steel	Steel	Steel
Net Weight	34KG	48.6KG	73.4KG
Gross Weight	37KG	52.6KG	78.4KG
Package Method	1pc per carton	1pc per carton	1pc per carton
Cycle Life	80% DOD, ≥6000 times	80% DOD, ≥6000 times	80% DOD, ≥6000 times
Self Discharge	2% per month	2% per month	2% per month
SOC Indication	can be customized	can be customized	can be customized
Communication Mode	RS485 and CAN	RS485 and CAN	RS485 and CAN

51.2V

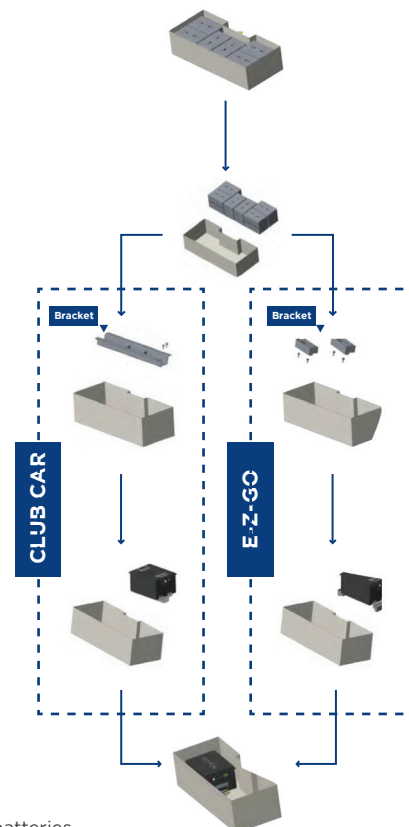
	ES51.2-105G	ES51.2-150G	ES51.2-230G
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	105Ah	150Ah	230Ah
Efficiency	≥96%	≥96%	≥96%
Cell Type	LiFePO4	LiFePO4	LiFePO4
Charge Voltage	58.4V	58.4V	58.4V
Standard Charging Current	21A	30A	46A
Max.Continuous Charging Current	200A	250A	250A
Standard Discharge Current	52.5A	75A	115A
Continuous Discharge Current	200A	250A	250A
Peak Discharge Current	400A (5~15ms)	500A (5~15ms)	500A (5~15ms)
Discharge Cut-off Voltage	40V	40V	40V
Charge Temperature Range	0~60°C	0~60°C	0~60°C
Discharge Temperature Range	-10°C~60°C	-10°C~60°C	-10°C~60°C
Storage Temperature Range	-5~40°C	-5~40°C	-5~40°C
Storage Humidity	65±20%HR	65±20%HR	65±20%HR
Size(L×W×H)	472*312*243mm	950*265*280mm	590*400*280mm
Package Size (L×W×H)	542*362*283mm	1020*315*320mm	660*450*320mm
Shell Material	Steel	Steel	Steel
Net Weight	45.5KG	64.8KG	98.2KG
Gross Weight	49.1KG	71.8KG	104.2KG
Package Method	1pc per carton	1pc per carton	1pc per carton
Cycle Life	80% DOD, ≥6000 times	80% DOD, ≥6000 times	80% DOD, ≥6000 times
Self Discharge	2% per month	2% per month	2% per month
SOC Indication	can be customized	can be customized	can be customized
Communication Mode	RS485 and CAN	RS485 and CAN	RS485 and CAN

73.6V

	ES73.6-105G	ES73.6-150G	ES73.6-230G
Nominal Voltage	73.6V	73.6V	73.6V
Nominal Capacity	105Ah	150Ah	230Ah
Efficiency	≥96%	≥96%	≥96%
Cell Type	LiFePO4	LiFePO4	LiFePO4
Charge Voltage	83.95V	83.95V	83.95V
Standard Charging Current	21A	30A	46A
Max.Continuous Charging Current	200A	250A	250A
Standard Discharge Current	52.5A	75A	115A
Continuous Discharge Current	200A	250A	250A
Peak Discharge Current	400A (5~15ms)	500A (5~15ms)	500A (5~15ms)
Discharge Cut-off Voltage	57.5V	57.5V	57.5V
Charge Temperature Range	0~60°C	0~60°C	0~60°C
Discharge Temperature Range	-10°C~60°C	-10°C~60°C	-10°C~60°C
Storage Temperature Range	-5~40°C	-5~40°C	-5~40°C
Storage Humidity	65±20%HR	65±20%HR	65±20%HR
Size(L×W×H)	626*312*243mm	550*315*280mm	1160*320*300mm
Package Size (L×W×H)	696*362*283mm	620*365*320mm	1230*370*340mm
Shell Material	Steel	Steel	Steel
Net Weight	66KG	95.4KG	141.6KG
Gross Weight	71KG	100.4KG	150.6KG
Package Method	1pc per carton	1pc per carton	1pc per carton
Cycle Life	80% DOD, ≥6000 times	80% DOD, ≥6000 times	80% DOD, ≥6000 times
Self Discharge	2% per month	2% per month	2% per month
SOC Indication	can be customized	can be customized	can be customized
Communication Mode	RS485 and CAN	RS485 and CAN	RS485 and CAN

Battery Replacement Steps

- 01** Open the golf cart compartment, you will see the original lead-acid batteries.
- 02** Disconnect all the wires safely, and pull the batteries out.
- 03** Fasten the bracket on the tray as the base.
- 04** Put Eastman Lifepo4 battery pack inside and fasten the pack to the bracket base
- 05** Connect the wires safely, then you are ready to go.



Note: Only authorized personnel are allowed to operate or make adjustments to the batteries.



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