INSTRUCTION MANUAL

SPECIFICATIONS

4 Cell Model EV02
Dimensions: 60MM (L) x 60MM (W) x 100MM (H)
Weight: 385 grams, 13.6 oz
Voltage (Charged): 13.6V
Amperage: 8 Pbeq A/H
Cold Cranking Amps: 135
Operating Environment: 0°F to 140°F

8 Cell Model EV02
Dimensions 113MM (L) x 60MM (W) x 100MM (H)
Weight 730 grams, 1lb 10oz
Voltage (Charged) 13.6V
Amperage 15 Pbeq A/H
Cold Cranking Amps 275
Operating Environment 0°F to 140°F

12 Cell Model EV02
Dimensions 113MM (L) x 87MM (W) x 100MM (H)
Weight 1045 grams, 2lb 5oz
Voltage (Charged) 13.6V
Amperage 20 Pbeq A/H
Cold Cranking Amps 410
Operating Environment 0°F to 140°F

16 Cell Model EV02
Dimensions 112MM (L) x 112MM (W) x 103MM (H)
Weight 1350 grams, 3 lb
Voltage (Charged) 13.6V
Amperage 28 Pbeq A/H
Cold Cranking Amps 500
Operating Environment 0°F to 140°F

EV02 50cc Scooter
Dimensions 50MM (L) x 50MM (W) x 82MM (H)
Weight 195 grams, .5 lb
Voltage (Charged) 13.6V
Amperage 4 Pbeq A/H
Cold Cranking Amps 80
Operating Environment 0°F to 140°F

CHARGING INSTRUCTIONS

Ballistic Performance Components EV02 Batteries come charged and ready to install!

Ballistic Performance Components Batteries are very different in chemistry and construction from a traditional lead acid battery. Ballistic Batteries **do not** require regular maintenance charging and will only lose less than 10% of their total charge over a (12) month period of static use. They are compatible with your vehicle's charging system and can be used in a "total loss" application. Any automotive or motorcycle based charger is acceptable to recharge your Ballistic Performance Components Battery as long as it has a auto-shut off at 14.4v to prevent over charging. If you are a using an automatic charger, be sure that it is not used in a automatic desulfication mode designed for lead-acid batteries, this can damage the cells.

1.) When charging a Ballistic Performance Component Battery with a traditional automotive or motorcycle based external charging device, the following input specifications are recommended:

Standard Charge: 2A @ 13.2-14.4V for approximately 45 minutes or until the battery registers 14.4V.

Maximum Charge Rate for Standard Automotive or Motorcycle based Charger:

EV02 50cc Scooter (100-009): 5A @ 13.2-14.4V for 15 minutes or until the battery registers 14.4V.

4 Cell EV02 (100-010): 10A @ 13.2-14.4V for 15 minutes or until the battery registers 14.4V.

8 Cell EV02 (100-011): 20A @ 13.2-14.4V for 15 minutes or until the battery registers 14.4V.

12 Cell EV02 (100-012): 20A @ 13.2-14.4V for 15 minutes or until the battery registers 14.4V.

16 Cell EV02 (100-013): 20A @ 13.2-14.4V for 20 minutes or until the battery registers 14.4V.

2.) When charging with Ballistic Performance Components EV02 Battery Management System (BMS) Professional Intelligent Digital Balance Charger: Please refer to the Professional Intelligent Digital Balance Charger Instructions included with your charger.

3.) When charging with Ballistic Performance Components Standard Charger: Connect battery to the charger and plug the charger into a standard wall socket. The Charger body will display a red light if the battery requires a charge. When the battery is completely charged, the light will turn from red to green and the charger will shut off automatically. Do not leave the charger plugged in after the battery is charged. Do not attempt to charge while the battery is connected to other electrical devices.

WARNINGS:

Do not charge a Ballistic Performance Component Battery above 14.4 Volts. This could damage the battery.

⚠ Do not charge with an automatic charger in desulfication mode.

⚠ Do not allow the battery to be drained below 9.0V, this will damage the cells. If your powersports vehicle has a parasitic draw like an alarm or similar devices, disconnect the battery when not in use. If the battery is allowed to be drained below 9.0V, it may not recharge to its maximum capacity. If the battery does become discharged, recharge immediately.

⚠ Do not attempt to charge a Ballistic Performance Component Battery that is below 6.0Volts. A Lithium battery below 6.0V is considered dead.

⚠ If the EV02 Battery is used in a watercraft or extremely wet environment, we recommend the use of dielectric grease in the BMS port to prevent shorting.

⚠ Failure to adhere to these charging specifications or exceeding these limits may cause battery failure and will void any potential warranty claim.