



FSGP 2011 Battery Form

Due: 2011.02.01, Submit to FSGP Team Registration
ascteams@americansolarchallenge.org

NOTE: The manufacturer's specification sheet, the battery's MSDS sheet with accident protocol, and a description of the protection circuitry (protection circuitry schematic, high level description, list of items protected) must also be submitted to ASC prior to approval. Battery approval is subject to verification at Scrutineering. If the manufacturer changes the battery's specifications, the new specifications must be submitted for re-approval. Teams should bring unmodified cells for weight verification.

CONTACT INFORMATION

Date: _____ **Team Number:** _____
Organization: _____ **Team Battery Contact:** _____
Email: _____ **Phone:** _____

MANUFACTURER INFORMATION

Manufacturer: _____ **Type (lead acid, LION, etc):** _____
Battery Name: _____ **Model Number:** _____
Battery Capacity (Ah): _____ **Rate (C/3, C/20, etc):** _____
Battery Mass (kg): _____ **Battery Voltage:** _____
Battery Cost (US\$): _____ **Max Current per Cell:** _____

VEHICLE BATTERY PACK SPECIFICATIONS

Number of batteries in the vehicle battery pack : _____
Pack Mass (kg): _____ **Pack Voltage:** _____
Pack Configuration: _____

SUPPLIER INFORMATION

Information for the company that is supplying the batteries to the team. This may be the original manufacturer or a reseller. If the supplier uses a different model name or number than the manufacturer, please provide that information.

Supplier: _____ **Contact:** _____
Email: _____ **Phone:** _____
Supplier Battery Name: _____ **Supplier Model #:** _____

Note: For this form, the term "battery" refers to the smallest single unit produced by the manufacturer. A lithium ion battery usually contains one cell. A typical 12v lead acid battery contains six cells. Teams or suppliers may group batteries together to form "modules". The term "battery pack" refers to the full vehicle battery system made up of multiple batteries.

AMERICAN SOLAR CHALLENGE

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