

# Appendix F. Battery Approval Form



## FSGP 2019 Battery Form

**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 FSGP Headquarters 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** \_\_\_\_\_  
**Team Email:** \_\_\_\_\_ **Email:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_

### MANUFACTURER INFORMATION

**Manufacturer:** \_\_\_\_\_ **Type (LION, etc):** \_\_\_\_\_  
**Manufacturer URL** \_\_\_\_\_ **Model Number:** \_\_\_\_\_  
**Battery Name:** \_\_\_\_\_ **Charge Rate:** \_\_\_\_\_  
**Battery Capacity (Ah):** \_\_\_\_\_ **Cell Voltage:** \_\_\_\_\_  
**Battery Mass (kg):** \_\_\_\_\_ **Max Discharge** \_\_\_\_\_  
**Battery Cost (US\$):** \_\_\_\_\_ **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. 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.