About Us
The Innovators Educational Foundation (IEF) is a volunteer-run 501(c)3 non-profit organization that organizes solar car racing in North America. IEF currently hosts the Formula Sun Grand Prix (FSGP) track event and the American Solar Challenge (ASC) cross-country event, which occur in alternating years.

Sponsor Us
We appreciate your interest in the sport of solar car racing! Help continue to make these events possible by making product donations, contributing financially, or hosting a stage/checkpoint location. We would be happy to discuss opportunities with you or your company.

Contact Info
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FORMULA SUN GRAND PRIX 2013
Thursday June 27 - Saturday June 29
www.AmericanSolarChallenge.org
**Scrutineering | Jun 24-26**

Before the solar cars are allowed on the track at COTA, they must first pass a series of detailed scrutineering inspections. Teams must demonstrate that the vehicles match the design reports they submitted and fully comply with the racey regulations. Inspectors assess everything from the battery system and electronics to the structural integrity of the frame and suspension. The size of the solar array and vehicle dimensions are also validated. Finally, cars must pass vehicle dynamics tests.

**FSGP Raeye | Jun 27-29**

Formula Sun Grand Prix 2013 consists of three hour racing days. The objective for teams is to complete the most laps around the 3.4 mile circuit in this time. The solar cars are allowed to start the race with a charged battery but after that, all the energy must come exclusively from the solar array. Before arriving at the event, teams put in countless hours working on designing and building their cars to be as fast and efficient as possible. Once on the track, teams also have to worry about continually changing weather conditions and making quick pit stops to change tires and perform any necessary maintenance or repairs.

**Awards Ceremony | Jun 29**

At 7:00PM after the race is over, awards will be presented to the winning teams.

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**University of Texas at Austin**

TexSun | #8

- **Weight:** 172.9 kg
- **L x W x H:** 5.00m x 1.75m x 1.40m
- **Array:** 1346W SunPower Mono-Si
- **Pack:** 4.5kWh LiFePo4
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Tempared Al Space Frame
- **Wheels:** Three 14” NGM Style Rims

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**Iowa State University**

Hyperion | #9

- **Weight:** 229.2 kg
- **L x W x H:** 4.97m x 1.72m x 1.14m
- **Array:** 1200W SunPower Mono-Si
- **Pack:** 3.5kWh Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** 6081-T6 Al Space Frame
- **Wheels:** Three 14” 7255 Al Billed Rims

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**Northwestern University**

SC6 | #11

- **Weight:** 253.6 kg
- **L x W x H:** 4.75m x 1.54m x 0.91m
- **Array:** 1337W SunPower Mono-Si
- **Pack:** 4.4kWh Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Carbon Fiber Monocoque
- **Wheels:** Three 16” CH Craft Carbon Rims

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**Prinicipia College**

RA7S | #32

- **Weight:** 163 kg
- **L x W x H:** 5.00m x 1.80m x 1.00m
- **Array:** 1000W SunPower Mono-Si
- **Pack:** 4.5kWh Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Al Space Frame
- **Wheels:** Three 14” Al Rims

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**Missouri S&T**

Solar Miner VIII | #42

- **Weight:** 324 kg
- **L x W x H:** N/A
- **Array:** 730W SunPower Mono-Si
- **Pack:** Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Al Space Frame
- **Wheels:** Three 14” NMG All Rims

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**Georgia Tech**

The Endeavor | #49

- **Weight:** 272 kg
- **L x W x H:** 4.60m x 1.90m x 1.22m
- **Array:** 1000W Suniva Mono-Si
- **Pack:** 2.9kWh LiFePo4
- **Motor:** 7.5kW NGM SC150
- **Chassis:** 4130 Steel Space Frame
- **Wheels:** Three 14” NMG All Rims

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**Illinois State University**

Mercury IV | #17

- **Weight:** 204.8 kg
- **L x W x H:** 5.50m x 1.70m x 1.12m
- **Array:** 900W SunPower Mono-Si
- **Pack:** 3.9kWh NiMH
- **Motor:** 6.2kW PowerTec AC Motor
- **Chassis:** 4130 Steel Space Frame
- **Wheels:** Three 14” NMG Style Rims

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**Western Michigan University**

Sunseeker | #20

- **Weight:** 279 g
- **L x W x H:** 5.00m x 1.60m x 1.10m
- **Array:** 1100W SunPower Mono-Si
- **Pack:** 4.4kWh Li-Ion
- **Motor:** Dual 1kW CSIRO
- **Chassis:** Carbon/Composite Monocoque
- **Wheels:** Three 14” CH Craft Carbon Rims

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**University of Waterloo**

Midnight Sun X | #24

- **Weight:** 219 kg
- **L x W x H:** 5.00m x 1.80m x 1.25m
- **Array:** 1200W SunPower Mono-Si
- **Pack:** 3.3kWh Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Al Space Frame
- **Wheels:** Three 14” NMG Rims

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**SIUE**

Black Nova | #57

- **Weight:** 193 kg
- **L x W x H:** 4.70m x 1.79m x 0.96m
- **Array:** 768W ML Solar Poly-Si
- **Pack:** 4.3kWh Li-Ion
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Tempered Al Space Frame
- **Wheels:** Three 14” 7255 Al Billed Rims

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**Oregon State University**

Phoenix | #256

- **Weight:** 223 kg
- **L x W x H:** 4.97m x 1.79m x 0.96m
- **Array:** 1200W SunPower Mono-Si
- **Pack:** 3.9kWh LiFePo4
- **Motor:** 7.5kW NGM SC150
- **Chassis:** Titanium Space Frame
- **Wheels:** Three 14” Custom Rims

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**University of New Mexico**

Lobo del Sol | #505

- **Weight:** 306 kg
- **L x W x H:** 5.50m x 1.80m x 1.20m
- **Array:** 1200W Schott Si
- **Pack:** 0.5kWh Li-Ion
- **Motor:** Vectrix
- **Chassis:** Al Space Frame
- **Wheels:** Three 14” Rims