

NREL Middle School Car Competition Kit and Component Supplier List

Suppliers	Products
Junior Solar Sprint	
Solar Made Website: Solar Made	JSS Kit Includes solar electric panel (3 Volts @ 3 watts), electric motor with lead wires, motor mounting bracket with screws, gears for motor shaft in three sizes, and 2 alligator clips JSS-P Solar electric panel JSS-M Electric motor JSS-B/G Mounting bracket/screws and gears only JSS-ACC Accessory bag contains 2 axle shafts, 4 wheels/tires, 3 spur gear sizes
Pitsco Website: Pitsco	Ray Catcher Solar Panel Item #21112 Solar electric panel (3 Volts @ 3 watts) with 7" lead wires Ray Catcher Sun Sprint Deluxe Kit Item #21211 Includes solar electric panel, electric motor, gears, 2 aluminum axles, 4 wheels, 2 alligator clips, balsa sheet (for chassis construction), 14-ply coated paper sheet, 4 screw eyes, and instructions Ray Catcher Sprint Kit Item #21210 Includes solar electric panel, electric motor, 2 alligator clips
Lithium-Ion Battery Cars	
Tower Hobbies Website: Tower Hobbies Amazon: Amazon	Battery Eflite 150 mAh, 25c, Lithium Polymer Battery Mabuchi 280 Motor Battery Connector Model EFLU3052 Battery Charger 1-Cell 3.7V 0.3A DC Li-Po Charger Charger Power Supply AC to 6VDC 1.5-Amp Power Supply

**Note, this list is not exhaustive and supplies may be found from other vendors.*