Team 1
Solar Starter SOS (SSS)

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http://www.amazon.com/Chrome-Portable-Lithium-Battery-Starter/dp/B00H4FNXCQ

Solar Starter SOS (SSS)

**Purpose of Product**
- Portable battery pack
- Jump-start a car
- USB charger

**Features**
- Solar and 120VAC charging options
- Able to jump-start a car
- 5V Output
- Multi-mode flashlight (including SOS)

**Market**
- Intended for operation in the United States for use in indoor and outdoor settings
SSS - Key Requirements

**Cost**
- **Sales Price:** $150
- **Component Cost:** $50
  - $20 components
  - $30 solar panel
- **Assembly & Test Costs:** $20

**Power Inputs**
- **Residential AC Power:** 100 – 240 VAC @ 50/60 Hz
- **Solar Power:** 25W, 12V, 2A
- **Battery Power:** 1 Sealed Lead Acid, 12V, 2A, 15 Ah

**Environment**
- **Indoor / Outdoor**
- **Portable / Lightweight**
- **Operating Temp Range:** 0 C to 60 C

**Major Functions**
- **USB:** 5V, 2A
- **Jump Starter:** 12V, 200A starting, 400A peak
- **Flashlight:** Multi-Mode
  - Strobe
  - SOS