For over 25 years **Space Vector** has offered a line of rugged battery packs for launch vehicles, spacecraft, UAVs, and other severe environment applications. Our high performance 20 Ah Lithium Polymer (Li-Po) secondary (rechargeable) battery is the perfect choice to power your launch vehicle, telemetry, and flight termination systems.

### 20 Ah Lithium Polymer Battery

20 Ah Battery Specifications

- **Weight:** 18 lbs (8.2 kg)
- **Dimensions:** 13.25” x 7.7” x 4” (337 x 195 x 100 mm)
- **Mounting:** 11.47” x 7.13”, 4 Places, ¼” Bolts
- **Capacity:** 20 Amp Hour
- **Energy:** 590 Wh (1C) at 25°C
- **Voltage:** 29.2 Vdc nominal, 33.2 Vdc max. charge
- **Discharge**
  - Continuous: 100 Amps
  - Pulse: 200 Amps (≤ 10 seconds)
- **Operating Temperature:** -10°C to +55°C
- **Random Vibration:** 20.2 Grms (tested)
- **Sinusoidal Vibration:** 41.1 g’s 550-700 Hz (tested)
Features

- **SVCharge™ Smart Battery Technology**
  - Provides Programmable Protection and Monitoring
  - Cell Balancing during Charging
  - Optional Basic Battery with External Battery Management
  - Optional "Flight Mode" Lockout of Protection Features
- **Battery History**
  - Number of charge cycles, max/min cell voltage, current, temperature, and more
  - Standardized data interface provides instant health status and real time telemetry
- **Custom Connectors**
  - MIL-DTL-38999 typical
- **RS-232 / RS-422 Standard Communication**
  - Optional MIL-STD-1553B, ARINC-429, ARINC-464 (Ethernet), CAN Bus
- **Rugged Aluminum Housing Allows Stacking of Batteries**
- **Optional Cell Heaters**

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P/N 39321

Power and Data can be on a Single or Multiple Connectors

Li-Ion Polymer Cells

Individual Cell Temp. Sensors

Smart Battery Management Available Internal or External