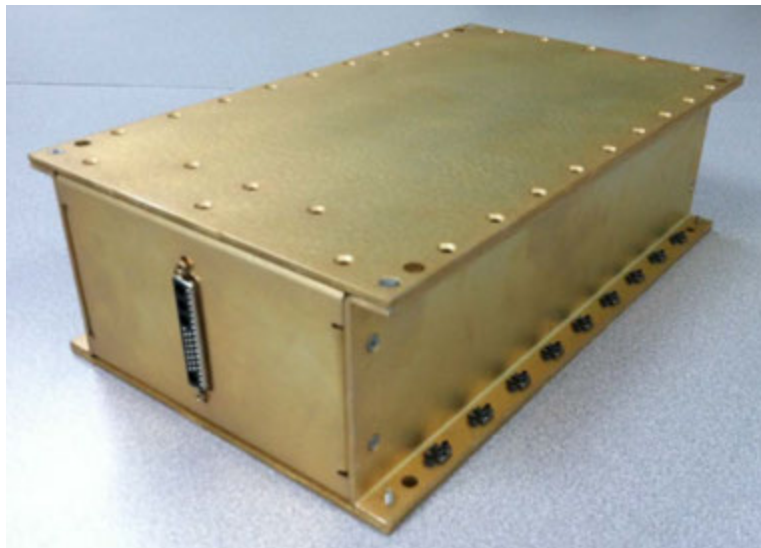




20 Ah Lithium Polymer Battery P/N 39321

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 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, 1/4" 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 (\leq 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)



20 Ah Lithium Polymer Battery P/N 39321

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

