



SPAR Power Technologies Inc.

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# Simplifying Energy Storage, **SESS** Lithium Iron Phosphate Energy Storage System



- Solar and Wind System Backup and Storage of Power
- Community Brown and Blackout Protection
- Peak Power Reduction and Reserves
- System Frequency Regulation and Load Balancing
- Load Following and Ramping



## ELECTRICAL DESCRIPTION

- Up-to 1,000 VDC
- Bi-Directional Hybrid Converter
- 208-690 Vac, 3ph., 60 hz.
- Medium Voltage System Available by Design
- Suitable for any application
- Up to 800 kWh per 20' high cube ISO container
- Complete all auxiliaries, HVAC and fire suppression system
- Turnkey plug and play system

## PRODUCT INFORMATION

- Approvals CSA, UL and ABS for Marine
- Modular Based on 24 and 48 VDC
- Does not need routine maintenance

## ALTUS®-350 LITHIUM IRON PHOSPHATE ENERGY STORAGE

- Altus®-350 utilizes true state of the art lithium iron phosphate prismatic cell technology, providing safe and reliable energy storage.
- Generate no heat during charging and discharging.
- No risk of thermal runaway
- Operating temperature. -25° -55° C
- Great replacement for chemical batteries.
- Plug and play operation
- Multiple containers can function as a single system.
- Container design for Canadian weather to perform maintenance functions inside the container