OutBack POWER™
an EnerSys company

Mine Supply Company

MOBILE POWER CASE STUDY

SYSTEM SPECIFICATIONS	
Location	Saskatchewan, Canada
System Power	3.0kW mobile systems
Components	FX inverter/chargers

OVERVIEW

Mine Supply Company of Saskatchewan, Canada, was formed in 1966 to serve the area's potash mines, but now also serves various types of underground mines around the world. Mine personnel rely on Mine Supply Company for reliable products that deliver mobile lighting, ventilation and conveyor systems, high pressure doors and mobile power. Mining customers began demanding power sources for stand-alone and backup power needs. However, the industry lacked an inverter that was optimized for extreme mine conditions, where dust can cause power inverters to fail after three to six months on the job.

CHALLENGE

- Choose an inverter/charger capable of withstanding harsh, corrosive mine environments
- Convert DC power from 12 and 24V batteries into clean, dependable AC power to run 120V pumps, lights, power tools, computers and other electrical loads in demanding field conditions
- Boost productivity and save customers money by eliminating downtime

SOLUTION

- OutBack inverter/chargers outperform competitive products, which can break down after a few months underground
- FX Series' sealed design, die-cast aluminum chassis and powder-coated finish prevent corrosion and increase the products' longevity
- FX Series' built-in charger replenishes battery power to minimize the chances of a drained truck battery in the field

OUTCOME

- OutBack inverter/chargers have been deployed in Canadian mines coast to coast and U.S. customer sites—achieving a 100% success rate
- Inverter/chargers power hydraulic water pumps on fire trucks, underground service vehicles, drilling machine repair operations and many more customer applications
- Customers save thousands of dollars in downtime and maintenance

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