

# Supplementary Generation

# Portable Fossil Fuel Generators



Energy Solutions, LLC offers a line of portable diesel and gasoline engines that are compatible with the Apollo Hybrid Power System. Supplementary power is not a requirement for the Apollo Hybrid Power System but is offered as a secondary source of electricity for periods of low sunlight or to provide extra power for large, intermittent electrical loads. Supplementary generators are designed to power 100% of the electrical load while running with the remaining generator capacity directed to battery charging. The supplementary generator start and stop signals are controlled by the Apollo Power Converter and they are based on the level of

stored energy in the Apollo Energy Storage as well as the electrical demand on the system. The supplementary generators are sized to provide their full rated output while running in order to achieve maximum fuel efficiency. Energy Solutions, LLC modifies the control system of the Robin / Subaru line of portable industrial generators. Robin / Subaru manufactures one of the most durable line of portable generators for industrial applications.

## **FEATURES**

- Diesel / Gasoline
- Industrial Grade
- Electric Start
- Voltmeter
- Hourmeter
- Low Oil Shutdown
- Low Oil PressureWarning Light
- > AC Output Pilot Light
- Oversized Air Cleaner
- Built-In Fuel Tank
  Strainer
- Fuel Gauge
- > Fuel Shutoff Valve
- External Oil Filter
- Oversized Muffler withSpark Arrestor
- Dual CapacitorVoltage Regulation

### **MECHANICAL**

- Max Dry Weight:315 lbs
- Max Size: (inches)51 x 34 x 37

#### **ELECTRICAL**

- GFCI Circuit Breaker
- 1-Phase 120 / 240 V3-Phase 120 / 208 V
- Twist Lock ElectricalConnections
- Available 3kW to 10kW







