

Powered by a 200Ah lithium battery, an inverter supplies 120 VAC to communications equipment, air conditioner, and outlets. The inverter is also the battery charger, and the charging source is either from an on board generator or from external shore power. The generator has an automatic start feature that starts the generator when the controller senses that the battery has discharged to 12.5 volts DC. Power to panel controls and voltage-sensing is switched through the additional poles on the charging source switch, which selects between GEN - OFF - SHORE. Center OFF position of the switch thereby powers down and de-activates all controls except for the inverter control.



