



SUNMOTOR INTERNATIONAL LTD.

SUNMOTOR SOLAR GENERATOR MODEL 4000



OPERATION

The solar panels charge a bank of deep cycle batteries, which provide direct current (d.c.) electricity to the inverter. The inverter changes the dc power to pure sine ac power, permitting operation of standard electrical equipment up to 4kw. The backup generator automatically assists in charging the batteries if more power is needed than provided by the solar panels. This system delivers electricity on demand, regardless of weather conditions.

SPECIFICATIONS

Solar array: 6 x 175w photovoltaic modules, total Wp = 1,050watts

Battery: 24 x 12v deep cycle, sealed batteries, each 165 amp-hrs.

Inverter: 4kw rating, input = 48vdc, output = 120vac and 240vac, pure sine.

Generator: 5.5kw, propane-fueled, with auto-start controller.



INVERTER + POWER-BOARD ASSEMBLY



RAISING SOLAR PANELS