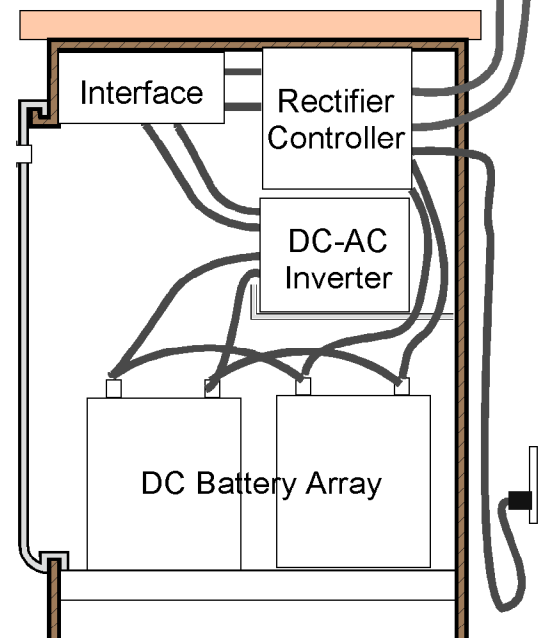
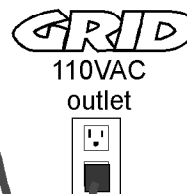




typical duplex outlet for customer (110 VAC)
 Makini Ikehu appliance power switch
 utility grid voltage
 wind generator voltage
 solar panel energy voltage
 customer usage in amp hours
 battery charge voltage
 battery charge (percentage)
 kitchen counter



“Pahu Ikehu”

The “Power Box” appliance

This under counter energy storage system is 24" deep and 36" wide and provides reliable electric power when your sources are not.

Pahu Ikahu is an uninterrupted power supply (UPS) with three sources of electrical energy; the existing grid, a solar voltaic panel or a residential wind turbine. The unit will charge the battery array from the solar or wind sources before turning to the power grid. Even without external energy sources the batteries will supply a day's worth of office work or an night's media entertainment.