

OVER
\$ave 50%*

**OFF your Electricity Bill, without
the need of Solar Power!
Don't be left in the dark during a Black Out!**

The SuperCombi's cleverly designed power management system can help you save money!

When you are connected to the mains grid power the SuperCombi can store energy during the night at the cheaper "Off-Peak" rate and the use this stored energy during the day when the power tariff is most expensive.



PowerSmart comparison results, Based on an average home usage of 20kWh per day, 975kWh Peak Consumption, 530kWh shoulder Off Peak 377kWh

PowerSmart comparison using SuperCombi's Power Management Control System.

Total power consumption of 1882kWh all at the Off-Peak rate, **NEW bill Cost inc GST \$194.24** Approx

Current bill Cost inc GST \$558.63 Approx
Peak 36.6c per kW, Sholder 13.6c per kW, Off Peak 8c per kW, April 2011 Energy Australia PowerSmart rates NSW



Thats a Saving of \$364.39

The average home owner can save approx 50% OFF the cost of their electricity. This ingenious smart power feature will help protect your home from power surges and brown outs as the SuperCombi constantly monitors the incoming mains supply making sure its safe for todays sensitive equipment.

The SuperCombi also offers a complete back up power solution providing you with uninterrupted power during a black out. The system can also be connected to renewable energy products such as Solar, Wind and Hydro generation making you more independent from the grid and saving you even more off your electricity bills. SuperCombi is the Ultimate Interactive Power Management Control System for your home.



Pure Sine Wave

DC / AC Inverter

For your nearest dealer contact:

Ph:1300 55 66 17 www.richelectric.com.au

*Approx savings depending on energy consumption and time of usage.



Green Power Smart Feature:

The Green Power Smart feature is designed to conserve energy, whether you are connected to the mains grid power or for use in a stand alone power system where there is no mains available.

The Green Power Smart feature uses renewable energy such as solar, wind and hydro generation to recharge the batteries and will only connect to the mains grid or start the generator as a last resort.

Even if the Combi unit cannot support the load it will automatically connect to the grid or start the generator to help supply continuous power until the load has decreased. This ingenious smart power feature will make sure your batteries always get the charge they require, helping them to last longer in demanding installations.

How does Green Power Smart work?

If the system is installed into a typical home with an array of solar panels that produce an average of 7kw per day, this renewable energy is used to re-charge the batteries and power appliances. During the night there is no "free energy" being produced from the solar panels, the appliances are powered from the storage batteries. If the daily energy used to power the fridge, lights, TV and other appliances total 10kw for the day, the Combi unit will automatically know the batteries need to be topped up or recharged from another source. The Combi unit will automatically connect to the mains grid or start a backup generator to replenish this charge. The SuperCombi can also be programmed to only allow mains connection during a timed window, so you can take advantage of recharging the battery bank at the mains off-peak power rate. This cleverly designed power management system can work out the systems load and how much power is being recharged into the batteries, not only from solar, but from wind, hydro and any other charging source connected to the system. SuperCombi learns from its environment, to work out the most effective way to manage its power requirements.

If the SuperCombi is installed in a boat or where there is no mains power available, a signal can be sent to the generator to automatically start and stop it in the same way as when the system is connected to the grid power. The generator can be programmed to only operate during certain times to make sure that the SuperCombi doesn't automatically start the generator at 2am in the morning.

This ingenious power management will avoid the generator running longer than necessary taking the guess work out of when your generator should be on or off, making for a smart more refined fully automated power supply.