

Ecoman

standby.... goodbye!



A solution to eliminate standby power wastage in households and offices.

More than 10% of Australia's household electricity is wasted on Standby Power. Not only does this cost the consumers \$0.5 billion per year, it also generates 5 million tonnes of CO2 every year.

Electrical consumers such as TVs, entertainment systems, PCs and kitchen appliances are on Standby for up to 7,000 hours per year; even relatively small Standby current can therefore result in significant Standby power usage.

Ecoman is the perfect solution to eliminate this power wastage.

How does it work?

The unit is simply plugged in between electrical consumers and a power outlet. Several electrical consumers can be connected via a multi-plug to the unit. By switching all connected consumers to Standby, the unit will measure the Standby power of the connected systems. Any of the connected units can then be switched on and off by using existing remote controls.

If a PC is connected with peripheral devices to the Ecoman, the PC can be turned off with all other systems such as printer, scanner etc. switched on. The unit will measure and register the Standby power usage and the PC can then be switched on by pushing the button on the front of the Ecoman.

After this simple installation process the Ecoman will disconnect the power after 5 minutes, every time when the connected consumers are in standby mode. This saves approximately 7,000 hours of standby power wastage per year.

The Ecoman also has a power surge protection built in, safeguarding each connected electrical consumer against power fluctuations and power surges during thunder storms and other external influences.

Another benefit lies in the fact that the Ecoman keeps the electrical consumer disconnected from the main power for most of the time which considerably increases the lifetime of the electrical consumer.

In addition, we offer an Ecoman for kitchen appliances such as coffee makers and water jugs, which is also suitable for office copy machines.

ECONOMY ANALYSIS

Example – Home Entertainment System

Standby-power consumption:

| | |
|--------------------------------|---------------|
| of an average TV-set | 15W |
| of a hi-fi-equipment | 10W |
| of a Foxtel-receiver | 28W |
| Ecoman power consumption | < 0.3W |
| Standby-mode of above devices | 20 hours/ day |
| Reduction of power consumption | |

| | |
|--------------------|-----------------|
| by Ecoman | 395.66 kWh/year |
| Assumed power rate | \$0.15/kWh |

Reduction of power expenses by Ecoman

56,06 \$/year

| | |
|----------------------|------------|
| Assumed CO2-emission | 0.9 kg/kWh |
|----------------------|------------|

Reduction of CO2-emission by Ecoman

356.1 kg/year

Example – PC

| | |
|---------------------------------|--------------|
| Standby-power consumption of PC | 85W |
| Ecoman power consumption | < 0.3W |
| Standby-mode of above devices | 18 hours/day |
| Reduction of power consumption | |
| by Ecoman | 550 kWh/year |
| Assumed power rate | \$0.15/kWh |

Reduction of power expenses by Ecoman

\$82.50/year

| | |
|----------------------|------------|
| Assumed CO2-emission | 0.9 kg/kWh |
|----------------------|------------|

Reduction of CO2-emission by Ecoman

495 kg/year



For further information:

Phone 1300 851 167 Email ecoman@fourwallsandaroo.com.au

Web www.fourwallsandaroo.com.au



Sustainability: Education, Sales and Services