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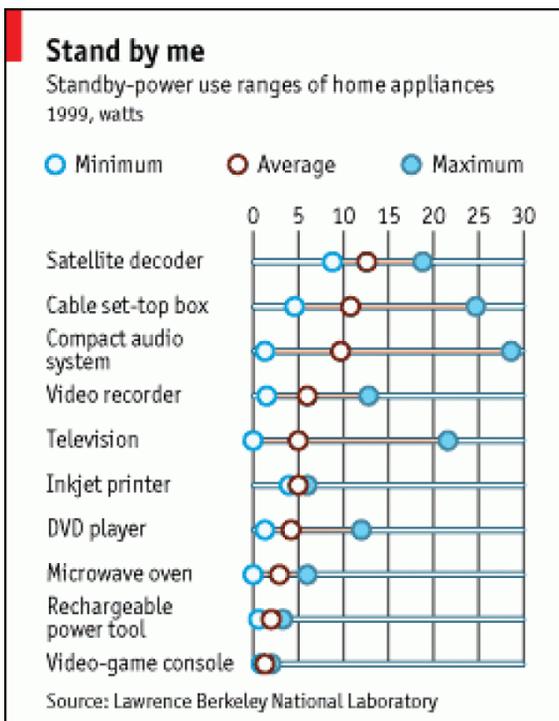Certified
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Corporation

Wall Plug Timers

Wasted power from standby or active sources can be reduced on appliances by connecting a timer to the device to ensure this equipment is off during typical non-use times and at night. Wall plug timers are a quick and simple way to gain minor energy savings.

(Easy Eco, 2018)

Recommendations

❑ Digital plug timers are preferable over analogue, as they easily lose their programmed settings. Costs range from R150 – R500 each.
❑ Ensure timer has a built-in rechargeable Ni-MH battery to maintain the real-time clock and programmed times when there is a power failure.
❑ Install digital timer on plug with audio visual equipment and/or kitchen equipment which has a standby mode and a phantom load.
❑ Connect a multi-plug adapter into the timer when using a timer with multiple devices, instead of unplugging devices one at a time.
❑ Make sure timer is set for practical durations – for example TV, DSTV and sound systems can be turned off during the early hours of the night and morning.
❑ Contact Ecolution for more details.

Stand by me
Standby-power use ranges of home appliances
1999, watts

○ Minimum   ○ Average   ○ Maximum

0   5   10   15   20   25   30

Satellite decoder
Cable set-top box
Compact audio system
Video recorder
Television
Inkjet printer
DVD player
Microwave oven
Rechargeable power tool
Video-game console

Source: Lawrence Berkeley National Laboratory

(Berkeley National Laboratory,1999)

Environmental Improvement	Low
Awareness Impact	Medium
Capital	Low
Payback	1-5 years

If a satellite decoder uses 12 watts of power while in standby and is in standby for 600 hours per month. It will then use 7.2 kilowatt-hours of energy per month, costing R10.8 per month at a rate of R1.50 per kilowatt-hour.