

Initiatives to Reduce the Environmental Impact of Products

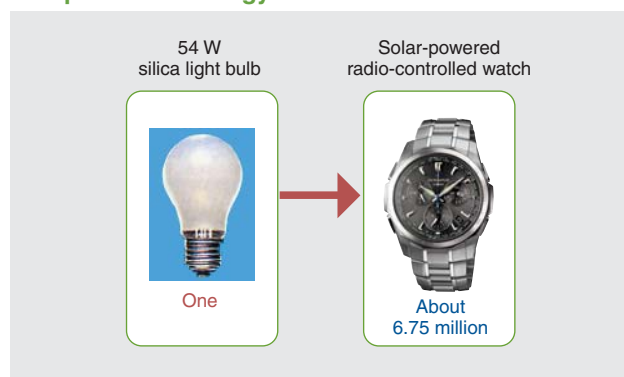
Casio is a leader in energy-saving designs, which enables it to produce products with high energy efficiency. At Casio, energy conservation is part and parcel of the effort to improve overall stakeholder satisfaction.

Casio has been creating energy-saving designs for half a century. Today, the group offers Casio Green Products which deliver high-speed computing on less energy and enable long-lasting viewing of beautiful, vivid images. This page introduces success stories in the reduction of environmental impact—a solar-powered radio-controlled watch and a page printer—from the user's perspective.

Energy-saving Design: Solar-powered Watch

Compare the energy use of a light bulb to that of a solar-powered radio-controlled watch: the energy consumed by one 54 W silica light bulb could power about 6.75 million of Casio's solar-powered radio-controlled watches. This comparison with an everyday product highlights the efficacy of Casio's energy-saving design for solar-powered radio-controlled watches.

Comparison of energy use



Energy-saving Design: Page Printer (N3500)

The N3500 page printer delivers superior economy along with energy savings. This, and its compliance with environmental standards, toner recyclability, and small footprint, can be shown with a comparison to the conventional N6000 model.

Economy

The N3500 can spark an office revolution by realizing energy savings in each mode during use.

Comparison of energy use

Mode	N6000 (conventional)	N3500	Reduction
Warm-up	99 seconds	→ 30 seconds	70%
Printing	930W	→ 560W	40%
Alert	290W	→ 80W	72%
Standby	150W	→ 80W	47%
Sleep	25W	→ 10W	60%
Total (TEC comparison)			62%

Ecology

The N3500 complies with international environmental standards such as the RoHS Directive (hazardous substance regulation), Eco Mark, the International Energy Star Program, and the Japanese Law on Promoting Green Purchasing.



As an International ENERGY STAR partner, Casio Computer Co., Ltd., has determined that this product meets the ENERGY STAR guidelines.



Eco Mark certification number: 03122009

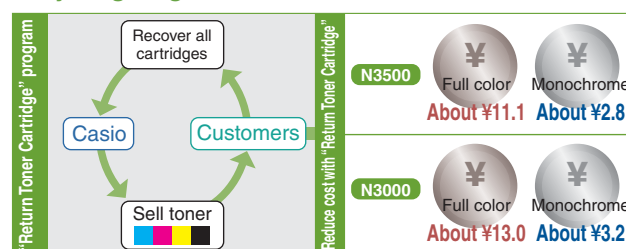


Label (mark), most of whose certified products comply with Japan's Law on Promoting Green Purchasing

Recycling

In July 2005, Casio started its own resource recycling recovery program. By completely recovering toner cartridges, which are a consumable item, Casio maximizes its resource recycling rate and reduces customers' operating costs. With the N3500, one monochrome sheet prints for less than ¥3 and one color sheet prints for about ¥10.

Recycling diagram



Size comparison

Size	N6000 (conventional)	N3500	Reduction
Width	695mm	→ 590mm	15%
Depth	655mm	→ 539mm	18%
Height	497mm	→ 388mm	21.9%
Weight	72kg	→ 45kg	37.5%
Volume	0.23m ³	→ 0.12m ³	47.8%