

Initiatives towards Key Sustainability Issues

Initiatives towards Sustainable Society

Mabuchi Motor's Management Principle, "Contributing to international society and continuously increasing our contribution," expresses our desire to increase our contribution to society and continue to be an indispensable company for the world. We aim for all employees to "participate in social contribution through their work as a member of the company" and "achieve personal growth by caring not only for people but also for nature, the environment, and all other things, and by attaining fullness of mind that is not limited to material wealth alone."

In addition, we regard the SDGs as goals that enable us to grow economically while taking care of people. To achieve these goals, we will continue our proactive environmental and social initiatives for each of them.

Sustainability Policy

To realize our Management Principle of "Contributing to International Society and Continuously Increasing Our Contribution", we will follow our Management Markers and achieve sustainable enhancement of corporate value through resolution of the issues facing society

- We will pursue the full range of possibilities of small DC motors to help resolve issues confronting global society.
- Through all of our business activities, we will show respect not only for people but also for nature, the environment and all other things and fulfil our social responsibilities.
- To realize stable growth in the long term, we will maintain proper governance, quickly identifying risks and taking steps to eliminate or minimize these.
- We will build strong and lasting relationships of trust with all our stakeholders and contribute to our stakeholders in a sustainable manner.

Solutions to Social Issues through Corporate Activities

Contributing to global environmental conservation by taking advantage of the features of small DC motors with high energy conversion efficiency

In general, small DC motors are characterized by their excellent conversion efficiency of energy, electrical power. As a specialized motor manufacturer, we have further enhanced this feature by devising materials and magnetic circuits. While the energy conversion efficiency of general internal combustion engines is said to be around 30% to 40%, we have a lineup of motors with conversion efficiency exceeding 90%. This leads to energy savings in our customers' products and contributes significantly to improving environmental performance.



Mid-Term Sustainability Targets:

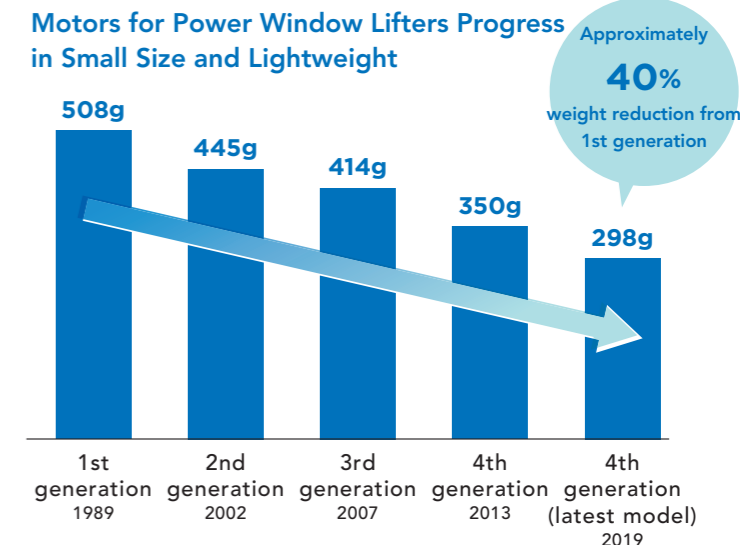
Reduce resources used and wasted by downsizing and standardizing motors

Our Actions	Miniaturization by improving motor efficiency and standardization by application
KPI	Number of compact models released
Targets	12+ (2021-2023 cumulative)
Results	2021: 0 2022: 11

KPIs and progress on other Mid-Term Sustainability Targets are listed on pages 37-38.

R&D Specializing in Small Size and Lightweight

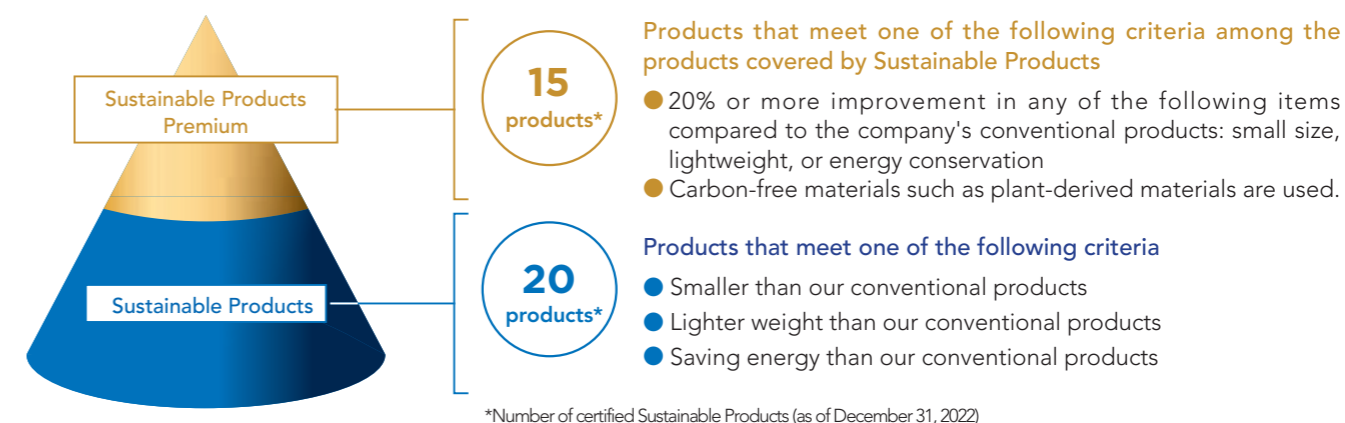
As stated in our Sustainability Policy, we are thoroughly pursuing the potential of small DC motors and contributing to solving the challenges facing the international community through motors. Compared to the first generation products that entered power window lifter applications, the latest fourth generation models are approximately 40% lighter. Our compact and lightweight motors for power window lifters are contributing to the improvement of environmental performance of automobiles around the world through collaboration with our customers. In a world where EVs are becoming more and more common, our products contribute to power savings and longer cruising range.



Creation of Environmentally Friendly Products

Mabuchi Motor contributes to reducing the environmental impact of society as a whole by standardizing small, lightweight, and highly efficient motors and achieving lean production and sales, thereby making our customers' products smaller, lighter, and more energy-efficient. In June 2022, we introduced a system to certify our products with outstanding environmental contributions as "Sustainable Products" and "Sustainable Products Premium".

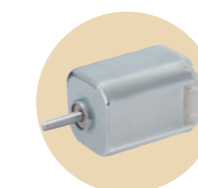
By promoting the development and sale of environmentally friendly products, we will contribute to reducing the environmental impact of society as a whole. The direction of the environmental performance to be aimed for is set from the product planning stage, and the environmental performance is verified at each stage of development, design, and commercialization.



Examples of products certified as Sustainable Products Premium

Motor for mirror

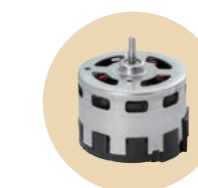
These motors move the mirror surfaces of automobile mirrors. It is both compact and quiet.



Approximately 30% smaller and lighter, and more than 10% more energy-efficient than conventional products

Motor for Vacuum Cleaner

This brushless motor combines compactness, light weight, and high efficiency by optimizing the magnetic circuit.



Approximately 25% smaller and 45% lighter than conventional products