

Sustainable Products and Services

As global enterprises increasingly integrate sustainability into their core operations, whether a product possesses "sustainability value" has become a key indicator of supplier competitiveness. The Wire and Cable Business Group of Walsin Lihwa is actively developing an environmentally conscious product portfolio in response to the growing market focus on low-carbon and clean technologies. Specifically, we have introduced four categories of sustainable products and services designed to support renewable energy and electric vehicle infrastructure, helping client's advance energy transition and carbon neutrality goals:

Photovoltaic (PV) Cable/ Solar Busbar Wire

Walsin provides solar photovoltaic cables and busbar wires that comply with international standards. These products offer excellent UV resistance and weather durability, ensuring reliable power transmission and efficient grid integration for solar power systems under varying environmental conditions.

Offshore and Onshore Wind Power Cables

Our cable solutions feature high torsion resistance, low-temperature performance, and exceptional corrosion resistance, making them suitable for extreme climates. These products have been certified by leading global wind turbine manufacturers and apply to both offshore and onshore environments. In 2024, Walsin received certification for 14MW wind turbine tower high-voltage cables, further solidifying our technological leadership in wind power cable solutions.

Feeders for Renewable Energy Integration

Walsin has developed high-quality feeder and cable systems to support the restructuring of energy systems for connecting renewable energy sources such as solar and wind to the power grid. These systems enhance power transmission stability, durability, and efficiency, which are vital in developing low-carbon energy infrastructure.

Electric Vehicle Charging Plugs

Walsin's air-cooled EV charging plugs are certified by UL, IEC, and VPC for safety and quality. In addition, we have developed high-power liquid-cooled products that support fast charging up to 800A. All products are entirely manufactured in Taiwan, reducing carbon emissions and aligning with local content policy requirements.

Since 2021, the share of clean technology product revenue has steadily increased, from 0.4% in 2021 to 0.5% in 2022 and 0.57% in 2023. While a slight decline to 0.45% was observed in 2024 due to industry cycle adjustments, the overall trend remains upward. Looking ahead, we are committed to continuous innovation and R&D investment, aiming to be the preferred partner for clients seeking sustainable and clean technology solutions.