



Green by design

Eaton is constantly working with customers to develop solutions that drive sustainable growth around the globe. Our UPS solutions strive for unparalleled energy-efficiency, the efficient use of resource, the maximised use of recyclable materials and the reduction of emissions throughout the entire life of the product, from cradle to grave.

Our engineers are constantly developing smarter ways to deliver ecological and economic benefits. This includes the development of energy efficient and environmentally friendly technologies.



Powering Business Worldwide

Design

Taking account of the environment is a part of the design process at Eaton. Four characteristics guide the design team during their work: energy efficiency, resource efficiency, recycling and compliance with regulations.

The Life Cycle Assessment (LCA) process is used to gather information about the potential environmental impact of a product.

✉ LCA@Eaton.com

“ LCA results for Power Xpert 9395 UPS show that 74% of the impacts stem from energy losses in the UPS and 25% from cooling energy ”

Eaton is constantly monitoring the use of hazardous substances and material its design and manufacturing processes. Our products do not contain **REACH** SVHCs (Substances of Very High Concern) and Eaton is seeking to comply with the **RoHS Directive** in advance of it becoming a legal requirement to do so.

The Eaton Green Leaf label is our promise to customers, consumers and our communities, of exceptional and documented environmental performance. Eaton 93PM UPS, Power Xpert 9395 UPS, Protection Station, BladeUPS are exceptional Power Quality products that have been certified as Eaton Green solutions.



An Eaton Green Solution

Manufacturing

Eaton is focused on building sustainable operations and managing Environment, Safety and Health (EHS) through standardisation. Our global Managing Environment, Safety and Health (MESH) programme is a unified system that consolidates existing programmes (ISO 14001, OHSAS 18001, OSHA VPP) into a single integrated management system. All EMEA manufacturing locations are ISO14001 certified.

Use Phase

Green technologies

Energy Saver System (ESS)	Enables extremely high energy efficiency and reliability under normal operating conditions	Eaton 93PM and Power Xpert 9395 UPSs
Easy Capacity Test (ECT) technology	Enables testing of entire power train under full load stress without the need for an external load	Eaton 9355, 93E, 93PM and Power Xpert 9395 UPSs
Hot Sync technology	Start from a single module and add power when required	BladeUPS, Eaton 9PX, 9155, 9355, 93E, 93PM and Power Xpert 9395 UPSs
Advanced Battery Management (ABM) technology	Increases the life of batteries by employing a three-stage charging technique	BladeUPS, Eaton 5P, 5PX, 5SC, 9130, 9SX, 9PX, 9155, 9355, 93E, 93PM and Power Xpert 9395 UPSs
Hot Swappable batteries	Allows batteries to be replaced or removed one string at a time while the equipment is still running	BladeUPS, Eaton 5130, 5P, 5PX, EX, 9130, 9SX and 9PX UPSs
EcoControl technology	Automatically disables peripherals when the master drive is turned off	Eaton Protection Station, Ellipse ECO and Ellipse PRO

End of Life

Eaton takes into account the environmental effects of the packaging and the end-of-life processing of our products and to aid more responsible dismantling, end-of-life instructions are available for recyclers.

We are committed to adhering to the following legislation when applicable:

WEEE (Directive 2002/96/CE)
Waste Electrical and Electronic Equipment

Batteries (Directive 2006/66/CE)
Batteries and accumulators and waste batteries and accumulators

Packaging (Directive 2004/12/CE)
Packaging and packaging waste

To find out more about Green by design, please visit:
www.eaton.eu/green