

ARTICLE

Working together for more reliable data centers



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Data centers are an invisible, yet crucial part of our digital life. They store photos from our vacations, grant us the pleasure of reading our favorite blogs or enable us to conveniently buy airplane tickets directly using our smartphones. They also keep our medical records and our banking data safe and secure. Today, we are more dependent on them than ever – and they are getting larger and larger. Data stored in them must be available to the users 24/7, so reliability is vital.

We strive to bring together our proven products, systems and solutions in ways that can benefit our data center customers globally, wherever they are. To increase availability in data centers, ABB has developed and launched a medium-voltage uninterruptible power supply (UPS), known as the PCS120 MV UPS. This next-generation medium-voltage UPS is intended for multi-megawatt power protection, and it provides power reliably and efficiently for large data centers and businesses in various industries.

Offering a combination of products and services to customers further enhances the benefits and wide reach of our offering. For large-scale data centers, pairing the PCS120 MV UPS with another innovative medium-voltage solution, UniGear Digital, is often a perfect fit.

UniGear Digital, which is a part of the ABB Ability™ portfolio*, is based on the optimized integration of current and voltage sensors into medium-voltage switchgear, combined with the latest Relion® protection and control relays, and the capability of the IEC 61850 standard for communication. With digital switchgear solutions, many of the practical challenges of today's more complex applications are made easier.

At ABB we walk the talk and have UniGear Digital in use at the ABB facility where the PCS120 MV UPS is manufactured –to ensure an uninterrupted power supply to the new testing lab at the facility.

* ABB Ability is our cross-industry digital capability – extending from device to edge to cloud – with devices, systems, solutions, services and a platform that enable our customers to know more, do more, do better, together.

For more information, please visit:

[ABB Ability™ for data centers](#)
[PCS120 MV UPS product page](#)
[UniGear Digital web portal](#)
[UniGear Digital product page](#)

To find out more about ABB's power protection solutions:

Web: www.abb.com/ups
 Email: powerconditioning@abb.com

Additional information

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