

REFERENCE CASE STORY

DPA 500 for the Czech Republic



ABB's partner in the Czech Republic, ALTRON, has announced that it has been selected to install, as part of a complex data center solution, ABB's Conceptpower DPA 500 UPS units.

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01 Conceptpower DPA 500 for Czech mobile operator and ICT solution provider

The solution, implemented for a major Czech mobile operator and ICT solutions provider, contained, amongst other components, eight Conceptpower DPA 500kW modular UPS units.

The Conceptpower DPA 500 product range from ABB meets customer requirements for UPS systems from 100 kW to 3 MW and ensures maximum reliability as well as offering excellent CAPEX costs and minimal OPEX costs. ALTRON is an ABB channel partner and this installation has made them even keener to install other new ABB units and technologies.

There were several other important criteria: time, redundancy, space and cost. It did not take ABB's representatives long to explain how ABB's DPA was the best choice: The DPA offers easy installation – without interruption of DC operation – and

maintenance, assuring continuity of critical processes, and is simple to integrate into the existing DC monitoring and management system. This UPS lends itself well to keeping the footprint small, too – ideal where real estate is limited – and when extra modules are added to the rack to cater for future power increase requirements, no extra floor space is taken up. The ABB brand and the fact that it was made in Switzerland were also factors.

Eight DPA 500s (3 × 100kVA modules each) are replacing eight existing 480 kVA end-of-life standalone UPSs at the client's data center. The idea is to reduce cost investment as the power requirement is currently lower (8 × 300 kVA) than the installed UPS capability – but it must then also be easy to scale up to higher powers later. This is a situation tailor-made for the DPA.

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