



Press release

ABB introduces its new PowerValue 31/11 T UPS system

A single-phase UPS with scalable runtime for critical applications

Quartino, Switzerland, June 24, 2014 – ABB, the leading power and automation technology group, has introduced its new PowerValue 31/11 T UPS series. PowerValue 31/11 T is a true double-conversion online uninterruptible power supply (UPS) that guarantees up to 20 kVA of clean, reliable power for critical single-phase applications. The online double conversion topology delivers power to the load even in the presence of severe disturbances in the utility.

ABB's new compact PowerValue 31/11 T UPS incorporates all the features necessary to deliver reliable power, low running costs, long battery life, easy maintenance and full flexibility for the user. Available in tower format, this UPS features double conversion, voltage and frequency independent (VFI) topology that protects against all supply failures. 10 and 20 kVA versions are available – and up to four units can be configured in parallel to boost power capability or provide redundancy.

Three-phase or single-phase inputs can be accommodated and this choice is configurable in the field for maximum flexibility. Further, the PowerValue 31/11 T UPS can handle single or dual inputs – allowing the customer to manage two independent power sources. The integrated manual bypass switch simplifies maintenance and reduces need for external switchgears. The high efficiencies reduce the power consumed by the installation and the low distortions and the active power factor correction lowers the interference from other equipments in the network.

Further, the PowerValue 31/11 T UPS can handle single or dual inputs – allowing the customer to manage two independent power sources. The product's flexibility is also proven by its capability of working as a frequency converter. It transforms the input frequency from 50 to 60 Hz in the output or vice versa.

The compact solution offers different autonomy variations with inbuilt batteries or additional battery cabinets. With internal batteries the UPS can achieve 5-16 min runtime. Simple to install and with a small footprint, the PowerValue 31/11 T produces stable, regulated, transient-free, pure sine-wave AC power with extremely tight output voltage regulation.

The new PowerValue 31/11 T from 10 to 20 kVA will replace the former PowerValue UPS system from 7.5 to 20 kVA. The former PowerValue UPS will be outphased on 30 June 2014.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 150,000 people.

For more information please contact:

ABB Power Protection:

Nicole Nägele, Communication Manager
Switzerland: Tel. +41 91 850 2169

nicole.naegle@ch.abb.com

www.abb.com/ups