******Quint DC UPS for industrial networks**

# The new Quint DC UPS uninterruptible power supply can be integrated into established networks, and continues to supply systems without interruption even in the event of a mains failure.

# It can be integrated into your network easily and flexibly, thanks to the integrated interface for PROFINET, EtherNet/IP™, EtherCAT or USB. The device is available with all network technologies in each of the four performance classes 5 A, 10 A, 20 A und 40 A.

# The intelligent battery management system with IQ Technology ensures optimum utilisation of the energy storage system. The technology prevents failures through preventive evaluation of operating and battery states, such as the remaining life expectancy of the energy storage system (state of health) and the current state of charge of the energy storage system. This makes it possible to plan the battery replacement based on the expected service life in months. The type of battery connected is recognised automatically thanks to the automatic battery recognition function. The adjusted charging characteristic maximises the service life of the energy storage system. The powerful battery charger with up to 5 A ensures the fastest possible times for recharging the energy storage system. It enables long buffer times thanks to large battery capacities, thus ensuring the permanent availability of the system.

# The integrated interfaces make energy and function monitoring, parameterization of the devices and the shutting down of the system to a safe state possible – at any time regardless of location. The efficiency of a system can be increased by monitoring the output current and voltage, and the manual connection and disconnection of the system. The cold-start Battery-Start function starts the power supply even without input voltage. A function test and start-up are therefore possible without a supply network. With SFB Technology, which provides up to six times the nominal current for up to 15 ms, standard miniature circuit breakers are tripped selectively and loads connected in parallel continue working. At widths of between 35 to 47 mm and heights of 130 mm, the uninterruptible power supplies are particularly space saving in the control cabinet.

**ENDS**

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