

Keeping machines **running**

Murrelektronik



“ The investment in a UPS system frequently pays for itself the first time downtime is avoided. ”

Few things are as irritating (or as expensive) as unplanned downtime in plants and machines.

The Murrelektronik UPS module Emparro ACCUcontrol extends the high-performance Emparro power supply system and keeps machines running by switching smoothly to battery operation in the event of a mains power failure. The investment in a UPS system frequently pays for itself the first time downtime is avoided.

External lead batteries with a capacity of up to 40 Ah are connected to the UPS module to ensure prolonged outages. Depending on the application, a 20 A or a 40 A version are available. The module can be installed without tools, and the 20 A version takes up an extremely small amount of space in the cabinet, with a width of only 65 millimetres.

Predictive maintenance - be alerted before the failure

Emparro ACCUcontrol continuously monitors the internal resistance of the connected batteries. When a limit is exceeded, the device sends a warning over a signaling contact. The battery replacement can then be planned for the next scheduled service. This predictive information prevents unplanned downtimes and avoids the need to arrange for service visits at short notice.

Maximum lifetime

Batteries like low temperatures. They supply more power and last longer under such conditions. Emparro ACCUcontrol therefore offers temperature-guided battery charging. This feature adapts the end-of-charge voltage to the ambient temperature, helping ensure that the battery achieves its maximum service life, even at higher ambient temperatures.

Simple connection to IPCs

Emparro ACCUcontrol can be easily connected to an industrial PC via Mini-USB.

- The industrial PC can then be shut down in a controlled manner in the event of a power outage.
- The mains voltage and the charging status of the battery can be monitored in real-time.
- Operating statuses can be documented in a log.
- The operating parameters are easy to configure.

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UPS module or capacity-based buffer module?

Manuel Senk, Business Development Manager, says “The UPS Emparro ACCU-control module is the right solution when it comes to bridging a prolonged power failure and avoiding failures and downtime

in production. Externally connected lead batteries can supply backup power for an hour or more. On the other hand, the buffer module Emparro Cap operates using ultracapacitors, it requires no maintenance at any time and it is the right solution in cases when sufficient power has to be available for shutting down machines and PLCs in an organised manner.”

Murrelektronik's Emparro ACCUcontrol is now available for purchase in the online shop <http://shop.murrelektronik.co.uk> or for further information call the UK sales team on 0161 728 3133 or email sales@murrelektronik.co.uk.

Or scan the QR code to go straight to the online shop for technical information or to order.



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