

# UPS Kit - IRC5 Uninterruptible Power Supply

ABB has developed a UPS (uninterruptible power supply) to be installed on IRC5 controller in order to face the problems mainly caused by short term power outages



## Features and benefits

Thanks to the double conversion, this device guarantees complete controller protection, while providing absolutely continuous power supply, fully controlled and free from any troubles (black-out, undervoltage, overvoltage, microinterruptions, interferences, etc.).

Under standard operating conditions, the UPS converts the input power directly coming from controller transformers, transforms it from alternate into direct current and then from direct into alternate current, supplying it to the logic part of the controlled (motherboard, memory card, keyboard and axis card). Should any failure occur on the mains, the required power will be supplied through the batteries, without any interruptions, for a limited period of time.

## Device delivery:

ABB UPS Kit is delivered as a wired external switchboard already configured for its simple connection to robot controller.

- For Multimove systems (upon request).
- Supply of wiring diagrams and installation documents
- 1 year warranty covering the electrical parts (Battery excluded).
- Batteries provide power for 10 minutes (without mains power supply).

## Customer Value

- Fast restart time (after power failure)
- Less hardware failure
- Filter internal noises
- Safe and protected
- Fast and easily installation

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