



# MV3 TRAINING

The MV3000 converter uses unique hardware and software to control the power system flow. The converter is an essential component in the power conversion process, and understanding how it works and is maintained is critical in supporting the operating lifetime of equipment.

Investment in converter maintenance and troubleshooting training develops the operators' expertise in MV3000 converters, supporting improved productivity through sustainably safe and efficient operations. Maintenance technicians can build new skills, develop their existing skill sets, and gather new knowledge about MV3000 product and services. The training benefits are realized through increased performance, availability and reliability of the MV3000 drive.

Onsite training offers a convenient option that is flexible in both content and delivery, by avoiding attendee travel costs and enabling a group of engineers to be trained together on the installed equipment

## Training can:

- Be bespoke to your installation
- Target real life situations
- Limit disruption to operations, by enabling site engineers to remain on hand
- Offer workshops which accommodate application of customer specific data, securely and with complete confidence
- Keep maintenance technicians up to date with industry leading technology and practices.

Training is delivered by Power Conversion's team of expert engineers with extensive experience of the MV3000 converter equipment range.

| Training Code          | EN MV3     |
|------------------------|------------|
| Max number of trainees | 6          |
| Price                  | Contact us |





## On Site Wind Converter Maintenance & Troubleshooting Training

The MV3000 Wind Converter uses unique hardware and software to control the turbine power flow and ensure grid code compliance. The converter is an essential component in the power conversion process, and understanding how it works and how it is maintained pays dividends in the operating lifetime of the equipment.

Investment in converter maintenance and troubleshooting training develops the operators' expertise in MV3000 converters leading to improved productivity through continued safe and efficient operations. Maintenance technicians are able to build new skills, develop their existing skill sets, and gather new knowledge about the MV3000 products and services.

The training benefits are realized through increased performance, availability and reliability of the MV3000 drive.

On site training is convenient and attractive, avoiding attendee travel costs and group of engineers can be trained together on the installed equipment. Making this option very flexible both in content and delivery:

- Bespoke to the customers installation;
- Target real life situations;
- Limited disruption to operations since site engineers will remain on hand;
- Workshops to participate with confidential details and data in complete confidence;
- Keeps maintenance technicians up-to-date with technology and practices

Training is delivered by Power Conversion approved engineers with specialized know-how and hands on experience of the MV3000 Wind Converter equipment.

## Training Course Content

The MV3000 converter maintenance and troubleshooting training course is targeted for technicians and engineers. The typical course content covers the following:

- Overview & Safety consideration
- Delta hardware replacement
- DDM, menu structure and parameterization
- Communication with the WTC3 Controller
- Connectivity to the Wind power supervisor (WPS)
- Park Pilot functionality & Active/Reactive power control
- Filter/V-Mode & Grid fault ride-through and compliance.
- Understanding Trips, Warnings and Fault Codes
- Software tools - Drive Coach/HDM
- Using the internal data logger and online monitoring
- Fault finding, diagnosing and repair of the converter
- Upload and download Parameters
- Installing Firmware Upgrades & Program parts recognition
- Carrying out scheduled maintenance
- Exercises & Tests

## CONTACT US

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