

# Training at ARADEX

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Use all the possibilities of electrification

- Choose the training modules to put together exactly the modules you need for your team so that your work becomes more efficient. Our sales team will be happy to assist you with the selection.
- Modules for all operating modes and tools of the VECTOPOWER family are available for you.\*
- Our trainers come from our application team, so you can benefit from more than 30 years of practical knowledge and experience.\*
- On request, we can come to your company or hold a digital training via video meeting. Please discuss the details with our sales team.
- Variable group sizes.
- Air-conditioned training rooms.\*
- Refreshments are provided.\*
- Please direct your request for more technical web seminars directly to us.

\*valid for events at the ARADEX COM Center

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## Interested?

Then give us a call or select the modules you want on the next page.



### Contact us

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### Who we are

www.aradex.com



### Address

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# Overview of training modules

#electrification #vp

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## MODULE VP1

### **Introduction to VECTOPOWER (VP600, VP5000)**

- Models
- Functions
- Connections / interfaces

## MODULE VP2

### **Installation VECTOPOWER (VP600, VP5000)**

- Technical data
- Accessories
- Interfaces / pin configuration
- Installation
- Cooling

## MODULE VP3

### **Commissioning VECTOPOWER (VP600, VP5000)**

- Initial conditions
- VEConfig and how to use
- Using of wizards in VEConfig
- Parameters: edit, save, restore
- Diagnostic functions, Analyser

## MODULE VP4

### **Motor + generator basics VECTOPOWER (VP600, VP5000)**

- Adjustment of current controller
- Operating modes
- Commutation
- Encoder & Resolver

## MODULE VP5

### **Traction drive / auxiliary (VP600) VECTOPOWER**

- Speed mode
- Torque mode
- Current mode
- Parameterization of a motor

## MODULE VP6

### **Generator mode VECTOPOWER (VP600)**

- Introduction
- Prerequisites
- Wiring
- Program sequence with pre-charging circuit
- Program sequence without pre-charging circuit
- Operation, analysis and optimization
- Master/Slave switching
- Parallel operation

## MODULE VP7

### **U/F mode VECTOPOWER (VP600)**

- Introduction
- Parameterization
- Operating behavior

## MODULE VP8

### **AFE mode VECTOPOWER (VP600)**

- Introduction
- Wiring
- Pre-charging circuit
- Operating behavior
- Parameterization

## MODULE VP9

### **Grid mode VECTOPOWER (VP600)**

- Introduction
- Grid creation
- Multi-device operation
- Operation behavior
- Parameterization

## MODULE VP10

### **DCDC VECTOPOWER (VP5000)**

- Introduction
- System structure
- Modes of operation
- Commissioning