

Course description

G660 B

ABB Solar inverters, PVS800 startup and service hands-on

Course type and description

The ABB solar inverter learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: classroom course with hands-on lab activities led by an instructor. This course contains hands-on PVS800 exercises.

The first part of the learning event includes the theory based e-learning courses mentioned below. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning course completion is monitored.

Please see the accompanying figure of possible learning paths.

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- G660e Internet course
- G660A ABB solar inverters, PVS800 Operation and maintenance hands-on course or G152 or G160

Course duration

The course duration is 0.5 day.

Student profile

This course is intended for electricians, technicians, and engineers who maintain, commission and service PVS800 inverters.

Course goal

The goal of this course is to teach students to install, start-up, adjust and operate PVS800 inverters.

Course objectives

Upon completion of this course, students will be able to:

- Commission and tune PVS800 inverters
- Operate and maintain PVS800 inverters

Main topics

- Location of components
- PVS800 application programs
- Inverter commissioning
- Fine tuning of the inverter
- Ethernet adapter operations

Low voltage drives training

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Agenda

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Day 1

Team 1

08:30 Course Information
08:45 Exercise 1
10:10 Coffee break
10:25 Exercise 2
12:00 Lunch
12:30 Course evaluation
12:45 End of the course

Team 2

12:00 Lunch
12:45 Course Information
13:00 Exercise 1
14:15 Coffee break
14:30 Exercise 2
15:45 Course evaluation
16:00 End of the course

Exercise packages	Group 1	Group 2
	Exercise	Exercise
Package (18) Commissioning and location	1	2
Package (19) Ethernet adapter	2	1

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