

## Course description

# G660 A

# ABB Solar inverters, PVS800 operation and maintenance 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: This is a 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

## Course duration

The course duration is 1 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:

- Operate and maintain PVS800 inverters
- Indicate fault and warning messages

## Main topics

- Location of components
- Control panel functions
- Inverter Maintenance
- DriveWindow tool operations
- Fault and warning indications
- Spare part module capacitor reforming

## Low voltage drives training

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## Agenda

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## Day 1

08:30 Course Information

08:45 Exercise 1

10:15 Coffee break

10:30 Exercise 2

12:00 Lunch

13:00 Exercise 3

14:15 Coffee break

14:30 Exercise 4

15:45 Course evaluation

16:00 End of the course

Exercise packages	Group 1	Group 2	Group 3
	Exercise	Exercise	Exercise
Package (14) Control panel	1	4	3
Package (15) Location and fan replacement	2	1	4
Package (16) DriveWindow	3	2	1
Package (17) Capacitor reforming	4	3	2

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