



SMA **CENTRAL** **CP-10**

**EXPERTS IN CP AND KODIAK
CENTRAL INVERTERS**



INTRODUCTION

The LT Training Academy has been developed through demand and reputation with two of the country's leading experts in CP and Kodiak central inverters. LT Energy Services have the knowledge and approach to educate your field engineers to a higher level of competence and safety with the initial stages of troubleshooting.

Our course is split into two modules; day one is classroom based with background and safe working procedures through to understanding the major components and their role within the inverters. Day two is always in the field offering hands-on training around safe working, testing and fault finding to diagnose and assist bringing the inverter back into production.

Additional modules can also be provided for the diagnosis, removal and replacement of certain components such as AC Switches, fans, control boards and other components. There are many benefits to being certified by the Training Academy for these modules; the main is that anyone who has received a certificate of competence can install these components supplied by LT Energy Services and maintain the warranty for twelve months from the dates of installation.

****Providing the storage of these parts meet with our standard terms and conditions.***

Our Annual Maintenance modules will also be available from the end of September 2025 ensuring that your engineers are maintaining the portfolio to the standards we set for ourselves.

Well executed annual maintenance can reduce downtime and failures significantly throughout the peak production months.





AGENDA

What you can expect from the SMA two day training course.

SMA Sunny Central CP-10

Classroom

1. H&S Topics around the inverter / LOTO requirements
2. **Theory Training:**
 - SMA CP (Power Point)
 - CP Overview
 - Balance of System
 - AC Internals
 - DC Internals
 - Stack Area
 - Preventative Maintenance
 - Assessment

At Inverter / On-site

1. H&S at the inverter
2. LOTO practical
3. Inverter familiarisation
4. Internal components and their role in the inverter
5. Walk through the display and its function
6. Basic health checks in the inverter
7. Any predictive maintenance (if possible)
8. Fault Conditions
 - How to proceed under fault conditions
 - Knowledge of when to reset inverter and when not to
9. Stop/Start procedures after LOTO
10. Log into SMA webpage
11. Assessment
12. Certification



COURSE REQUIREMENTS

Minimum of 4 engineers

Electrical qualification depending on module

Access to one of your sites for field based modules

Price available on request. Please reach out to us with your requirements for a bespoke quotation.

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