



Solar Battery Storage



Course Description:

This course combines expert theory and practical components to comprehensively prepare students with the knowledge and skills to design, install, maintain and fault find battery storage systems for grid-connected photovoltaic systems.

Compliant with all necessary work health and safety requirements, Volt Edge seeks to inform our students on the legislative, regulatory and relevant industry requirements, as well as all electrical licencing requirements and codes of practice for renewable energy.

This course:

- Plan, design and document battery storage systems for grid-connected photovoltaic systems.
- Plan, carry out, and document the installation, maintenance and fault finding of battery storage systems for grid-connected PV Systems.

Duration and Mode of Delivery:

Students complete 3 days of theory training via Face to Face or Live Web. As a student enrolled into the Solar Battery Course you are required to complete theory assessment and a practical component.

Practical Component: Options include:

1. Attending a Volt Edge Training Facility to complete the practical (Northgate Brisbane).
2. Complete onsite (at your workplace) installs observed and confirmed by a CEC Battery Accredited Installer.

*Students are reminded to review the pre-requisite requirements. 1 extra day of training required if you do not hold the pre-requisite.

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Course Accreditation:

This is a Nationally Recognised course with successful students receiving a Statement of Attainment with all the units listed below.

Course Inclusions:

Volt Edge will provide the following:

- Training and assessment course material
- Online student portal access
- Practical training for those willing to attend our site

Each Student is to:

- Submit the required prerequisites (where applicable), prior to commencement of the course. If prerequisites are not provided prior to the commencement of the course, this may affect your eligibility to attend or complete the course.
- Have access to a stable internet and computer or laptop with Microsoft Office applications as required.
- Have basic computer skills to undertake and complete the assessments.
- Complete and submit the required assessment.
- Review and comply with the conditions detailed in the [Student Handbook](#).

Units of Competencies:

Unit Code	Unit Name
UEERE0060	Design grid-connected battery storage systems
Pre-Requisite: UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems UEERE0061 Design grid-connected photovoltaic power supply systems and UEEEL0039 Design, install and verify compliance and functionality of general electrical installations or UEERE0051 Apply electrical principles to renewable energy design	
UEERE0077	Install battery storage equipment power conversion equipment to grid
Pre-Requisite: UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems	
UEERE0078	Install battery storage to power conversion equipment
Pre-Requisite: UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories and UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems or UEERE0055 Conduct site survey for off-grid photovoltaic/genset systems	



Meeting the pre-requisites of Solar Battery:

If you hold the following 2 units of competency and your unrestricted Electrical Licence (EL) you meet the pre-requisites of the course as shown below in the 4 units:

[UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems](#)

[UEERE0061 Design grid-connected photovoltaic power supply systems](#)

**UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories*

**UEEEL0039 Design, install and verify compliance and functionality of general electrical installations*

**If you do not hold an Unrestricted EL you will need to provide evidence of the units marked with [*] units above you will be required to provide a Statement of Attainment with the above units.*

If you do not hold the following 2 units (from the current Solar Design and Install Course):

[UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems](#)

[UEERE0061 Design grid-connected photovoltaic power supply systems](#)

How can you achieve these units with Volt Edge?

Supply a copy of your previous Statement of Attainment for the Solar Design & Install course showing:

[UEENEEK125A or UEERE0022](#) and;

[UEENEEK148A or UEERE0016](#) and;

[UEENEEK135A or UEERE0011](#)

PLUS:

Enrol and attend the Solar & Battery UEERE0054 Conduct Site Survey Course.

Complete the 1 day course to gain the theory knowledge, Theory Assessment and 2 x Designs Site Assessments gaining satisfactory outcomes.

Course Structure: Solar & Battery UEERE0054 Conduct Site Survey Course is a 1 day face to face delivery (extra cost).

**If you do not hold any of the above units you will need to attend and complete the Solar Design and Install Grid Connect course including assessments satisfactory prior to the battery course.*

For further assistance or to enrol into this training please view our website or contact our team at training@voltage.com.au

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