Elevora
Global Training

COURSE BROCHURE

Battery Energy Storage Systems

Renewable Energy & Power Transition

Most demanded | Rising demand 2027

Code	Duration	Formats	Language	Certificate
RE-103	5 or 10 days	Classroom, live online, in-house, blended	English or Arabic	Certificate of completion

A practical renewable energy and power transition course covering battery chemistries and characteristics, BESS system design and sizing and power conversion and energy management. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Battery Energy Storage Systems gives delegates a structured, practical understanding of battery chemistries and characteristics and BESS system design and sizing, then builds the skills to apply power conversion and energy management, safety, fire risk and standards and business models and grid services in real work. Sessions are led by practitioners with at least 15 years in the field.

What you will learn

- Battery chemistries and characteristics
- BESS system design and sizing
- Power conversion and energy management
- Safety, fire risk and standards
- Business models and grid services

Who should attend

Power, electrical and mechanical engineers, project developers, asset managers and energy planners moving into low-carbon energy.

5-day course outline

Day 1	**Battery chemistries and characteristics**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**BESS system design and sizing**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Power conversion and energy management**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Safety, fire risk and standards**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Business models and grid services**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Battery chemistries and characteristics** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: BESS system design and sizing and power conversion and energy management** — Group exercises that combine methods from week one.
Day 8	**Field case study: Safety, fire risk and standards** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Business models and grid services** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
2 Nov 2026 to 6 Nov 2026	Istanbul	5 days	**$2,450**
20 Dec 2026 to 24 Dec 2026	Cairo	5 days	**$2,450**
4 Jan 2027 to 8 Jan 2027	London	5 days	**$3,450**
8 Feb 2027 to 12 Feb 2027	Barcelona	5 days	**$3,450**
14 Mar 2027 to 18 Mar 2027	Riyadh	5 days	**$2,450**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

Head office
Sharjah Publishing City, Sharjah, United Arab Emirates

Email
info@elevoratrainings.com
training@elevoratrainings.com

WhatsApp
+971 56 692 2928

Website
elevoratrainings.com