



Emergency lighting Central battery power supply solutions

Whatever direction you go

Thinking about central battery?

Think EMEX

ABB Emergi-Lite EMEX central battery solutions provide the highest reliability and performance in centrally powered emergency lighting.

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01 EMEX Power

Supplied with high quality Valve Regulated Lead Acid batteries with 10 year design life, and constructed to modular principles with common spares throughout, EMEX systems combine optimum performance over the long term with fast, hassle-free maintenance.

EMEX Power AC/AC static inverters

- 230 V 50 Hz AC/AC output
- 1.5 kVA to 63 kVA rating, single or three phase
- Use with unmodified mains lighting
- 1, 2 or 3 hour autonomy
- BSI Kitemarked (KM 542294) to BS EN 50171 Emergency central battery systems
- BSI Kitemarked (KM 673347) to BS EN 61508:2010 (SIL2 capable)
- Available with integrated EMEX Test system testing (EMEX TS)

EMEX Power 110 V AC/DC central battery units

- 110 V AC/DC output
- 1 kVA to 10 kVA rating, single or three phase
- 1, 2 or 3 hour autonomy
- EMEL mid-range available for smaller 24 V, 50 V and 110 V projects

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02 EMEX Mini

EMEX Mini AC/AC static inverters

- 230 V 50 Hz AC/AC output
- 1.5 kVA rating with 525 W for 3 hours, 700 W for 2 hours and 1200 W for 1 hour
- Use with unmodified mains lighting
- Fully EMEX Test compatible
- Minimal space saving design

Whether specifying, planning or installing centrally powered emergency lighting, contact us today for full details of our EMEX solutions: +44 (0)333 999 9900

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Compliance to emergency lighting regulations

Central battery system testing solutions

Under the latest emergency lighting regulations periodic mandatory tests must be carried out to verify the correct operation of any emergency lighting system.

Our EMEX testing package supports the person responsible to meet their obligation of testing which can be expensive, time consuming and disruptive .

EMEX Test central battery testing

- Automated testing system for emergency lighting
- Supports virtually any type of compliant 230 V luminaire, including LED
- Programmable for periodic testing in line with BS 5266 and IEC 62034
- Links to building management systems, including BACNET and LONWORKS



Technical support services

Going further for our customers

— 03 Conversion module

— 04 Slave emergency lighting

Technical support & scheme design

Technical advice and assistance is available for ABB Emergi-Lite EMEX central battery projects, including adjustment of mains lighting schematics to include emergency lighting.

Conversion service

Fully ICEL 1004 compliant conversion of mains fluorescent lighting to slave use, via our conversion centre in Leeds, UK.

Slave emergency lighting

A full range of slave luminaires and exit signs, including LED, for use with AC/AC and AC/DC systems.

Commissioning & servicing

The essential post installation assessment to ensure centrally powered emergency lighting systems operate in line with expectations, together with ongoing servicing and maintenance as required.



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