Product Specification Sheet



CONNECT – Energy Meter

Our CONNECT – Energy Meter is a turnkey solution, built to allow for the measuring and detailed analysis of power loads. Able to monitor power distribution units, generators or individual climate units, our rapid deployment energy meter pack consists of:

- kWh Energy Analyser Meter
- Flexible Univeral Rogowski CT's
- LoRaWan – MODBUS converter and transmitter

Using flexible Rogowski CT's that are secured around the incoming supply cabling you want to monitor, this easy-to-use system removes the need to power down units and takes less than 20 minutes to set-up. Encased in a rugged weather resistant enclosure, our CONNECT – Energy Meters wirelessly communicate performance data to our El-Björn CONNECT gateway units, providing easy to view data to the online El-Björn CONNECT BMS portal. Your personalised El-Björn CONNECT BMS online portal gives you to see the full performance of your connected El-Björn products and can be configured to deliver custom reports, as well as alert you of exceeding usage parameters, trip events or loss of communication.

25-11-2026 | 00:03:48

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Product Benefits

- 3-3000A current range using flexible CT's
- Rugged IP67 enclosure
- Can be used as a remote data logger and trip indicator

Technical Data

Product name	CONNECT – Energy Meter
Product Number	EB16005
Communication	El-Björn CONNECT LoRaWAN
Supply Cable	16A 5p 400V Commando
Supply Cable Length	2.5m
Rogowski Cable Length	1.6m
Rogowski coil Diameter	100mm (140mm with busbar)
CT Range	30A - 3000A
Dimensions HxWxD	412 x 325 x 115 mm
IP Grade	IP67

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