

Product Specification Sheet



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EL-BJORN UK LTD

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CONNECT – Energy Meter

Built to allow for the measuring and detailed analysis of loads connected to El-Bjorn Power distribution panels. Our rapid deployment meter pack consists of:

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

Encased in a rugged IP67 weather resistant enclosure, these meter packs communicate with our El-Björn CONNECT gateway units, providing data to the our customers remotely via our CONNECT online portal. All power detection is performed using the unit's CT's, with no need for complicated auxiliary wiring or additional units. Your personalised El-Björn CONNECT online portal can be configured to deliver custom reports, send push notifications and alerts based on usage parameters, trip events or loss of communication. El-Björn CONNECT is compatible for remote monitoring and control of El-Björn heating units.

Application

Exclusively for use with our El-Bjorn Connect Temporary BMS system as part of a remotely monitored package, incorporating LoRaWAN communication allowing for use in areas such as deep basements with no mobile internet signal. Designed for use in arduous environments such as construction sites, industrial areas, and event spaces. Waterproof to IP55 in a highly impact resistant moulded case with wall mounting apertures.

Available for short and long term hire.

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

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Product name	CONNECT – Energy Meter
Product Number	EB16005
Communication	EI-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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