

Product data sheet

Specifications



Enercept power monitoring - unit enhanced 800 A medium

3020E083S

⚠ Discontinued on: Jul 21, 2023

⚠ Discontinued

Main

Range	PowerLogic
Product Name	PowerLogic Enercept
Device Short Name	Enercept
Product Or Component Type	Power meter
Device Application	Power monitoring Sub billing
Variant	Enhanced
Power Monitoring	Basic instrumentation
Type Of Measurement	Power factor total Voltage phase to phase (L-L) Voltage phase to neutral (L-N) Current per phase Power factor per phase Active energy Active power Reactive power Apparent power Current
[Us] Rated Supply Voltage	208...480 V AC 50/60 Hz
Network Frequency	60 Hz 50 Hz

Complementary

Current Transformer Type	Split core balance
Current Transformer Input	Split core CT 0...800 A
Measurement Voltage	208...480 V
Measurement Accuracy	+/- 1 % 10...100 %
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485
Communication Network Type	Modbus RTU
Mounting Mode	Direct

Environment

Ambient Air Temperature For Operation	0...60 °C
Relative Humidity	95 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	CUL UL
Width	62 mm internal: 151 mm external:
Depth	30 mm
Height	73 mm internal: 132 mm external:
Net Weight	1.5 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	21.6 cm
Package 1 Width	22.9 cm
Package 1 Length	31.1 cm
Package 1 Weight	2.523 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Eu Rohs Directive	Not compliant
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov