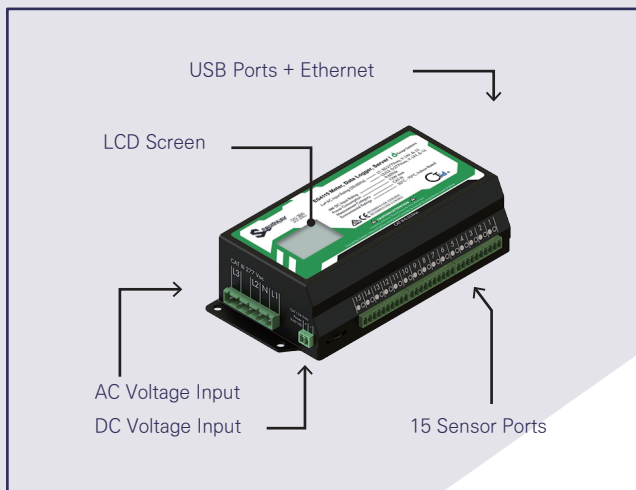


SENSWAY Core Residential Specifications

Model: EG4115



Measurement

AC Voltage: (Y: L-N, Δ: L-L)

L1: 85–277 Vrms
L2: 0–277 Vrms
L3: 0–277 Vrms

DC Voltage:

42 Vrms
Power: 9–60 Vdc
Measurement:
–60–60Vdc

Current:

15 sensor ports
6900A max
Sensor ports isolated from
USB, Ethernet and voltage inputs

Frequency:

50 or 60 Hz

Logging Values:

V, A, W, Wh, Hz, VA
VAr, THD, deg

Power Draw:

12W max, 2W typical
2 5V USB Ports @ 1A max

Accuracy:

ANSI C12.20 – 0.5%
Compliant

Data Logger Capacity

Register Count:

64
(data storage points)

Granularity (duration/avg) :

1 hr/1 sec
1 yr/1 minute
10 yrs/15 minute
Device Lifetime/1 day

Environment Conditions

Operating Temp:

–30° to 70°C
(–22° to 158°F)

Meas. Category:

Overvoltage Category III

Max Altitude:

4000m (13,123ft)

Location:

Open type
indoor device

Max Humidity:

80% up to 31°C

Pollution Degree:

2

Safety and Regulatory

Safety:

IEC/UL 61010–1 Ed. 3.0 B:2010

CE:

IEC 61000–6–1 Ed. 3.0 B:2016
IEC 61000–6–3 Ed. 2.1 B:2011

FCC:

FCC Title 47 CFR
Part 15–Subpart B Class B
ICES–003 Information
Technology–Equipment Class B

SENSWAY Core Residential Specifications

Model: EG4115

General

Warranty:

2 years, 5 years

Network Connection

Powerline:

HomePlug AV

Ethernet:

IEEE 802.3 – LAN

WiFi/Cellular:

Optional with USB accessory

Data Communication

Import:

Modbus RTU*, Modbus TCP

Export:

Modbus RTU*, Modbus TCP,
BACnet IP, BACnet MS/TP*, XML

* Requires USB485 converter

User Interface

Compatible browsers:

(Only up-to-date versions supported)

Google Chrome

Firefox

Safari

Microsoft Edge

Apps:

Android & IOS

Enclosure

Material:

FRABS

Dimensions:

17 x 8 x 4.6cm (6.7 x 3.15 x 1.81in)

Weight:

300g (0.66lbs)

Dimensions

([in.] mm)v

