RF-LW-HARVY2

LoRaWAN Current sensor with 4 inputs







Features & Benefits

- Convenient metering of three-phase RMS currents from: electrical mains, sub-distribution boards, and/or directly from the machines
- Four independent inputs for clamp-on current transformers and voltage transformer
- CT &VC Used together can monitor: active power, power factor, reactive power, apparent power, mains voltage, mains frequency
- No external power supply or battery required (energy harvesting)
- Easy configuration via USB-C

Technical Overview

Self-powered LoRaWAN IoT sensor with four inputs for versatile monitoring in electrical supply networks. Simple metering of up to four galvanically isolated 4-20 mA analogue signals from any source.

Technical Specification

Power Supply	Self-powered
Max input current	250 mA AC per input
Connections	4x JST connector, suitable for deZem clamp-on current transformers and voltage transformers
Dimensions	22x69x49mm
Weight	45g
Operating conditions	Temp: 0-55°C RH: 30-60%
Protection	IP20
IoT wireless protocols	LoRaWAN v1.0.4, Class A Device, EU863-870, AU915-928, AS923, KR920- 923, IN865-86, RU864-870, US902-928 CE certified for EU

Tel: +44 (0)1732 861200 | E-mail: sales@sontay.com | Web: www.sontay.com

Sontay Limited. Four Elms Road, Edenbridge, Kent, TN8 6AB UK

© 2025 Sontay Limited. All rights reserved. Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 20/01/26

Related Product Codes

RF-LW-HARVY2	LoRaWAN Current sensor with 4 inputs
RF-LW-HARVY2-CT150	Current Transformer 150A Max 50mm
RF-LW-HARVY2-CT300	Current Transformer 300A Max 150mm
RF-LW-HARVY2-CT500	Current Transformer 500A Max 300mm
RF-LW-HARVY2-CT80	Current Transformer 80A Max 25mm
RF-LW-HARVY2-VC	Voltage converter

Tel: +44 (0)1732 861200 | E-mail: sales@sontay.com | Web: www.sontay.com

Sontay Limited. Four Elms Road, Edenbridge, Kent, TN8 6AB UK

Sontay®

© 2025 Sontay Limited. All rights reserved. Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 20/01/26