SELECTION IN FOUR STEPS

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01 **System Parameters**
Voltage Level·CT Ratio·Frequency

02 **Measurement Requirements**
Basic Metering·Harmonics·Waveform·Demand

03 **Communication Method**
RS485 / Modbus RTU·Optional Ethernet

04 **Input / Output**
Digital I/O·Relay·Pulse·Analog

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WhatsApp

The complete model numbers and configurations are subject to the official selection documentation and order confirmation.

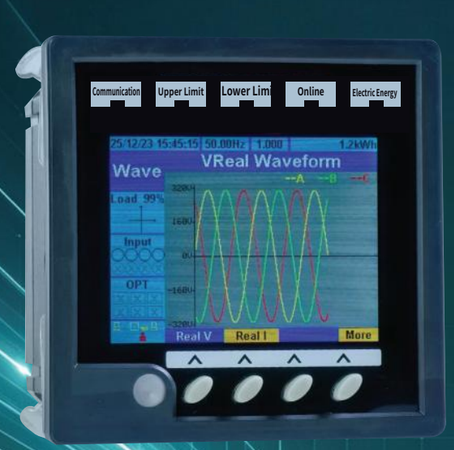
RYNØN

SMART POWER METERING

Dual-Engine Smart Measurement

Deeper Insights into Power Distribution

i3 Smart Power Distribution Meter & i8 Power Quality Analyzer



i8 Power Quality Analyzer



i3 Smart Power Distribution Meter

i3 / CE — **i309MK2 · EN 61010-1:2010/A1:2019**
Verification No. 2605B2235SHA-V1

i8 / CE — **i800 / i880 / i800E / i880E · 2014/35/EU**
EN 61010-1 · EN 61010-2-030 · No. 2404B1292SHA-V1

Third-party test verification documents available on request.

i8 Series Power Quality Analyzer

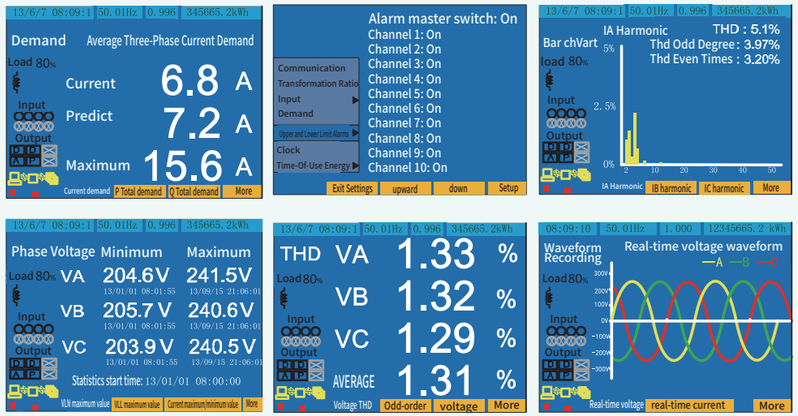
POWER QUALITY ANALYZER

Extending from multi-function measurement to power quality, waveform, and recording analysis.



Features

- Real-time measurement: U/I/P/Q/S/PF, frequency, and load characteristics
- Harmonic analysis: 2nd-63rd order, THD, odd/even orders, TIF, K-factor
- Waveform display and recording, supporting phase angle and sequence component analysis
- Demand, max/min values, threshold alarms, and event logging
- Bidirectional energy and time-of-use metering, suitable for energy management scenarios



Key Specifications

Dimensions / Cutout	96 × 96 mm / 85 × 85 mm
Measurement Input	AC 0–5 A · AC 0–660 V · 45–65 Hz
Communication	Modbus RTU over RS485; Ethernet optional by model
Power Quality	Harmonics, THD, waveform, phase angle, sequence components
Applicable Models	i800 / i880 / i800E / i880E

CE-LVD Test Verification · 2014/35/EU · No. 2404B1292SHA-V1

i3 Series Smart Power Distribution Meter

SMART DISTRIBUTION METER

An all-in-one terminal for distribution cabinet measurement, control, and networked data acquisition.



Features

- Supports RF wireless communication;
- Measures three-phase current, three-phase voltage / line-to-line voltage, three-phase active / reactive / apparent power, power factor, active / reactive energy, frequency, etc.;
- 2 digital inputs, 2 universal channels configurable as relay output / pulse output / 4-20 mA analog output;
- High/low limit alarm channels, capable of audible & visual alarm and associated relay output;
- Supports leakage detection;
- MODBUS-RTU over RS485 communication;
- Large FSTN LCD display, all parameters field-programmable; panel-mount installation with snap-in slider fixation, screw-free mounting;
- Supports current/power demand analysis;
- Energy accuracy: Class 0.5S.

One Meter for Measurement•Communication•Control

Class 0.2 Voltage/Current Measurement | Class 0.5 Power Measurement | Multi-Channel I/O

Key Specifications

Dimensions / Cutout	96 × 96 mm / 85 × 85 mm
Measurement Input	85–265 V AC/DC · 50/60 Hz
Communication	Modbus RTU over RS485 · 1200-38400 bps
Power Quality	2DI; 2 universal outputs / pulse / 4-20 mA
Applicable Models	Operating -20~70°C · 5-95% RH, non-condensing

EU Conformity Test Verification · EN 61010-1 · No. 2605B2235SHA-V1