

# Product data sheet

Specifications



## ION6200 meter (enhcd pckg#1) - w/ display 240VAC/300VDC - std com - w pwd

M6200A0A0B0A0A0P

- ! Discontinued on: 30 September 2021
- ! To be end-of-service on: 31 December 2026

! Discontinued - Service only

### Main

Range	PowerLogic
Device short name	ION6200
Product or component type	Energy and power quality meter

### Complementary

Power quality analysis	harmonic distortion
Device application	Metering
Type of measurement	Active and reactive energy Apparent energy Current Voltage Frequency Harmonic distortion (I THD & U THD) Active and reactive power total Apparent power total Power factor total Maximum current (I1, I2, I3, In)
Supply voltage	100...240 V AC 50/60 Hz 110...300 V DC
Network frequency	60 Hz 50 Hz
[In] rated current	10 A
Type of network	3P + N 3P 2P + N
Power consumption in VA	0.05 VA
Display type	7 segments LED + decimal point
Sampling rate	64 samples/cycle
Measurement current	0.005...12 A
Measurement voltage	60...400 V AC 50...60 Hz between phase and neutral 103.5...690 V AC 50...60 Hz between phases
Frequency measurement range	50...60 Hz
Number of inputs	0
Measurement accuracy	Current 0.3 % Voltage 0.3 % Power +/- 0.5 % Frequency +/- 0.1 % Power factor +/- 1 %

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

Energy +/- 0.5 %

<b>Accuracy class</b>	Class 0.5 power conforming to IEC 60687 Class 0.5 energy conforming to IEC 60687 Class 0.5 power conforming to ANSI C12.20 Class 0.5 energy conforming to ANSI C12.20
<b>Number of outputs</b>	0
<b>Communication port protocol</b>	Modbus RTU, master at 19200 bauds ION
<b>Communication port support</b>	Screw terminal block: RS485 isolated
<b>Transmission rate</b>	19200 bauds
<b>Tamperproof of settings</b>	Protected by access code

## Environment

<b>Electromagnetic compatibility</b>	Electrostatic discharge immunity test conforming to IEC 61000-4-2 Immunity to radiated fields conforming to IEC 61000-4-3 Immunity to fast transients conforming to IEC 61000-4-4 Surge immunity test conforming to IEC 61000-4-5 Conducted radio-frequency immunity test conforming to IEC 61000-4-6 Emission standard for industrial environments conforming to IEC 61000-4-2
<b>Mounting mode</b>	Panel-mounted
<b>Mounting support</b>	Enclosure door
<b>Type of installation</b>	Indoor installation
<b>IP degree of protection</b>	IP30 back: IP65 front:
<b>Relative humidity</b>	5...95 %
<b>Pollution degree</b>	2
<b>Ambient air temperature for operation</b>	-20...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Product certifications</b>	CUL conforming to CSA C22.2
<b>Standards</b>	CSA 1010-1 EN 61010-1 UL 3111-1
<b>Width</b>	110 mm
<b>Depth</b>	65 mm
<b>Height</b>	110 mm
<b>Net weight</b>	0.68 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	0.8 kg
<b>Package 1 Height</b>	16 cm
<b>Package 1 width</b>	15 cm
<b>Package 1 Length</b>	31 cm

## Offer Sustainability

<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>

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<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

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