



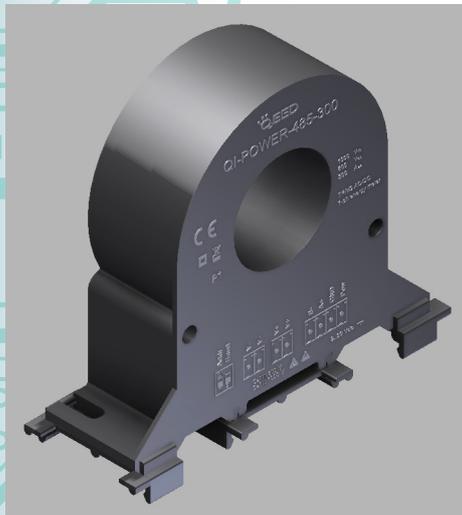
QI-POWER-485-300



**POWER / ENERGY METER SINGLE PHASE
AC/DC TRMS - RS485 MODBUS**

**Current up to 300 A AC/ 400 A DC
Voltage up to 800 V AC/ 1000 V DC**

I rms	V rms	Watt	VAR	VA	V pk	I pk
Freq	Cosφ	THD	Σ kW	+kW/h	-kW/h	
min/MAX of rms measurement						



The **QI-POWER-485** is an Energy / Power Meter capable of measuring single-phase current and voltage AC / DC TRMS.

RS485 Modbus with over 200 registers.

Measure: Irms, Vrms, W, Var, VA, Vpk, Ipk, frequency, power factor, bidirectional energy, THD and min / MAX of all RMS measurements.

Configuration software FACILE QI-POWER-485 for free.

Suitable for measurements with **varying frequencies** (Wind, Hydro, Shipbuilding Industries, Aviation).

Suitable for direct measurements **between inverter and motor.**

Suitable for **Motor Control, Cooling, Telecommunications, Data Centers** and Energy efficiency applications.

Internal Calibration certificate for each device available on request.

POWER SUPPLY	9...30 Vdc, Protection against polarity reversal and overtemperature.
ABSORPTION	< 1,3 W
TYPE OF MEASURE	TRMS or DC
ACCURACY	@ 25°C -50/60Hz Voltage, Current, Active Power : < 0,5% F.S. Frequency : +/- 0,1 Hz Energy : +/- 1% of reading Vpeak, I peak: +/- 5% f.s.
OUTPUT	RS485 Modbus RTU
BAUDRATE	from 1200...115200 Baud
CREST FACTOR	1,8 (on current measurement)
WORKING FREQUENCY	DC or 1...400 Hz
SAMPLING RATE	11k Samples per Second
INPUT IMPEDENCE	1 Mohm +/-1%
STANDARDS CE	EN61000-6-4/2006 + A1 2011; EN64000-6-2/2005 ; EN61010-1/2010
OVERVOLTAGE CATEGORY	Cat III up to 600V ; Cat II up to 1000V.
ISOLATION	3 kV on bare wire for Current measure, 4 kV for Voltage measure (reinforced insulation to power supply and serial output)



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