



Metering Specifications

Metered Voltage: 120, 220, 240, 277, 347, 380, 480, 600

Current Input: 0.1 Amp and CL10 (5 Amp input)

Four quadrant Consumption & Demand:

Delivered and received: kW, kVARLeading, kVARLagging, & kVA

Programmable interval data & peak demand:

Real time per phase: Voltage, current, phase angle, power factor, THD, watts, VARs, VA and frequency

Time of Use: Up to 16 blocks per day available for all metering parameters

Meets ANSI C12.1 and C12.16

UL, UL-C File E204142

IEC Optical Communication Interface (Standard Feature)

Additional Features

Pulse Datalogger: Up to 4 Form A dry contact pulse inputs for water, BTU, gas, other

Specifications: Max. Distance: 300 feet from external pulse meter to RSM-5 (18 gauge min.)

Max. Pulse Rate: Power on: 10 pulses/sec max, Power off: 1 pulse/sec max

Demand Reset: Allows local reset of peak demand register

Data Integration Options: IQ Software

m

Communications Options

Power Line Communications (standard feature)

19.2K internal modem

Network data link (4-wire RS-485)

Accuracy

+ 0.5% @ unity and 50% power factor; 1-100% of full-scale (excluding external CT error)

Liquid Crystal Display

Push button scroll

32 digit liquid crystal display (16 digit x 2 rows)

6 whole digit consumption register

Data digit height: .31"

Programmable display scroll & decimal place display

Operating Range

Voltage: Rated Voltage (90% to 110%)

Temperature: (-20 C to +60 C)

Humidity: 0 to 95% R.H. (non-condensing)

Transient/Surge Suppression: ANSI C37.90.1-1989

Memory

512 kbyte non-volatile flash memory retains daily and interval data

During power outage:

- Flash memory retains daily and interval data

- Long-life lithium battery maintains time, logs incoming pulses and retains data acquired within the incompleting interval at the time of the outage

Shipping Weight & Dimensions

1 meter box: 11.5 lbs

Enclosure: 13.5"H x 8.5"W x 4.5"D

4 meter box: 46 lbs

For Installation Guide visit
www.quadlogic.com

QUADLOGIC

RSM-5R1.0.R

33-00 Northern Blvd., 2nd Floor Long Island City, NY 11101 Tel (212) 930-9300 Fax (212) 930- 9394 www.quadlogic.com