

Quadlogic S-10T

Apartment Model Digital Electric Meter *INSTALLS WITHIN APARTMENT & COMMUNICATES REMOTELY*



For over 30 years, Quadlogic has been using a patented Power Line Communications (PLC) technology to transmit meter data over the building's existing power lines.

FEATURES / BENEFITS

- **Easy to Install**
 - Compact, Unobtrusive Design
 - Proven Accuracy - ANSI C12.20-2010
 - Surface Mount - 3.4" H X 6.5" W X 1.6" D
- **Integrated Power Line Communications**
 - Utilizes existing electrical wiring for communications. Requires no additional dedicated hard wires, additional modules or attachments for communications
- **Comprehensive Information**
 - Event reporting with date and time stamps regarding power consumption, power ups and power downs, time changes and tampers
- **Catalog Numbers**
 - 72-S10TS2P Surface Mount
 - 72-S10TF2P Flush Mount
- **Liquid Crystal Display**
 - Shows electrical consumption
- **Data Integrity**
 - Utilizes non-volatile flash memory for accurate data storage and integrity
- **Installation Verification**
 - Display allows on-site verification of proper installation
- **Flexible Data Programming**
 - Interval data down to 15 minutes allows flexible load profiling and Time of Use billing options
- **Manufacturer's Warranty**
 - Five year meter warranty



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S-10T TECHNICAL SPECIFICATIONS...

- **Metering Voltage**
 - Metered Voltage: 120/208V 1P3W
- **Current Input**
 - 0.1 Amp Input (50 Amp, 100 Amp or 200 Amp Primary)
- **Four Quadrant Consumption & Demand**
 - Delivered & received: kW, kVARLeading, kVARLagging, kVA, volts-squared hours and amp-squared hours
- **Programmable Interval Data and Peak Demand**
 - 15 Minutes to hourly intervals
 - Meter total and/or by phase
- **Real Time Data per Phase**
 - Voltage, current, phase angle, power factor, THD, watts, VAR's, VA and frequency
- **Time of Use**
 - Up to 16 blocks per day available for all metering parameters
- **Operating Range**
 - Voltage: 120 VAC Rated Voltage (90% to 110%)
 - Temperature: -20⁰ C to +50⁰ C ANSI C12.1 4.7.3.5
 - Humidity: 0 to 95% Relative Humidity (non-condensing) ANSI C12.1 4.7.2.17
 - Transient/Surge Suppression: ANSI C37.90.1-2002
- **Communications**
 - Power Line Communications, PLC (standard feature)
- **Accuracy**
 - 0.5 Class per ANSI C12.20-2010
 - Meets ANSI C-12.20-2010 and UL, UL-C File 61010-1 3rd Edition UL 610-10-2-30 1st Edition File E113178
- **Liquid Crystal Backlit Display**
 - 6 Whole digit consumption register
 - Data digit height: 0.46"
- **Push Button**
 - For access to secondary information and backlight
- **Memory**
 - 2 Mbyte 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, retains data acquired within the incompleting interval at the time of outage
- **Shipping Dimensions & Weight** 3.4"H x 6.5" W x 1.6" D 1 lb.

Note: Follow manufacturer's installation instructions and comply with local electrical codes. Features & Specifications are subject to change without notice.



**The Logical Choice for
Energy Services**

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