

QUADLOGIC QBRICK 4



MULTI-TENANT SMART METER

The QBrick 4 is a multi-tenant smart revenue grade electrical power meter in a compact, rugged enclosure.

The QBrick 4 is easy to install and operate. Its space saving footprint is designed for use in retrofit and new construction. QLC's communication device can collect and push data directly to the Quadlogic cloud database.



BENEFITS:

- A self-contained, compact, rugged enclosure saves significant installation costs
- Monitors 4 three-phase circuits daisy chain to 64 residential or commercial customers
- Measures kWh, kVarh (Four-Quadrant), and kVAh
- Measures True RMS volts, Amps, Power, Power Factor, Frequency
- Meets all requirements of ANSI C12.20
- 60 Days of 5 minute interval data stored locally for all parameters
- Detailed event recording for diagnostic purposes
- 3 Year battery backup for Real Time Clock (when power is lost)
- Hardware lockable meter configuration
- Communication setting reset button
- LED lights to indicate power and communication status
- Secure and reliable non-volatile flash memory
- Optional LCD Display Unit available
- Five-Year warranty
- ETL approved to meet UL 61010 safety standards

TECHNICAL SPECIFICATIONS

Metering Voltage	3 Phase 4 Metering Loads with 90-500 V L-N (Auto-Ranging) Wye/Delta
Current Input Rating	0.1 Amp Secondary Current Transformers (CTs)
Data Interrogation	Automated Data Push to Cloud Database (optional)
Current Input Configuration	Four (4) 3-phase circuits daisy chain to 64, 3-phase circuits
Accuracy	ANSI 0.5 Class Accuracy (with CTs)
Communication Protocol	Modbus RTU over standard 2-wire RS485 Configurable KYZ pulse output
Memory	Non-Volatile Memory Stores 60 Days of 5 min Interval Data & 1000 Event Records
Interval Programming	5 min interval data, 288 intervals per day
Power Consumption	<5W
Dimensions	L x W x D = 10.5"x 5"x 2.7"
Operating Temperature	-20°C to 55°C
Environment	Retrofit or New Construction, Indoor Installation, Dry non-condensing
Input Voltage	85 ~ 265 VAC/DC

Note: Above specifications are subject to change without notice

ORDERING INFORMATION

MODEL NUMBER

METER POINTS

PHASE

QBRICK-JQ-3P4M

4

3-phase