



Device Level Energy Management

Parker Energy Solutions provides a comprehensive range of cost effective and easy to install metering and tools that transmit real-time energy data to an its advanced cloud-based analytics platform.

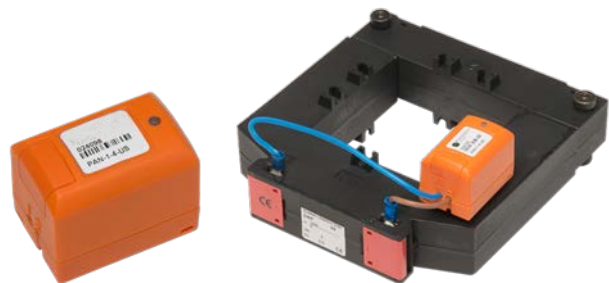
Wireless μ Node Sensors

The PES sensor series consists of miniature, non-invasive, self-powered and wireless current sensors. The sensors clamp on the outgoing wire from the circuit breaker and are powered by the magnetic fields surrounding the wire. Hundreds of sensors can be installed within a few hours without the need to disconnect the power. The high-current sensor attaches to any size standard 0-5A current transformer, allowing measurements at any current range or wire gauge.

63A and 225A sensors



High current sensor



μ Meter Power Sensor

The PES power sensor provides high accuracy power measurement for main power monitoring and sub-metering. Designed for demanding electrical installations, supporting industry accuracy standards, the power sensor measures voltage, current, power factor and power quality measurement data. The power sensor complements the PES series of current sensors that are used for more granular monitoring of individual circuits and devices.



μ Bridge

The PES bridge utilizes Wi-Fi/ Ethernet network or 3G reception to relay the energy data received from the current and power sensors every 10 seconds to the solution's cloud-based PowerWatch™ analytics platform. Only one bridge is required in order to receive data from all the sensors that are installed within an electrical panel room. Each bridge can receive data from over 200 sensors.



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