



STUTT GART™

PowerSense™

The Stuttgart™ PowerSense™ is a next generation polyphase power meter supporting 8 phases combined with extensive building management capability. It has a built-in website and supports SNMP over Ethernet. Its integrated lithium battery allows operation through power failures.

APPLICATIONS

- Server room monitoring
- Building management
- Generator/UPS monitoring
- Peak demand management
- Container monitoring

KEY FEATURES

- IEC 62053-21-23 power metering
- Temperature, humidity, light, motion
- Ethernet with Web & SNMP
- Lithium Polymer backup battery
- Sensorbus supporting up to 127 sensors
- Graphics LCD display
- 6 phase, 8 current measurement
- Current, Voltage, Frequency, PF
- Phase rotation, Active, Reactive power
- Harmonics up to 2.5 kHz
- 3G & WiFi cellular connectivity

**ARTIFICIAL
INTELLIGENCE
REDEFINED**

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flexible
solutions for
BUSINESS

ENGINEERING
EXCELLENCE

STUTTGART™ **PowerSense™**

OPTIONS/FEATURES

- 3 phase / 6 phase monitoring 380VAC
- Sensorbus
 - Temperature, Humidity, Light
 - Vehicle presence
 - Motion, Door switch
- Front USB interface
- RS232 interface
- Internal Lithium battery
- Modbus / Generator / UPS Interface
- Open Building Exchange (oBix) protocol
- Cellular/WiFi

INTERFACES

- 100baseT Ethernet
- Sensorbus™ supporting 127 devices
- USB 2.0
- RS485
- RS232
- Cellular 3G
- WiFi

TECHNICAL SPECIFICATIONS

Characteristic	Min	Max	Units
Storage Temperature	-40	85	°C
Operating Temperature	-10	60	°C
Active Power Error	0.1		%
Reactive Power Error	0.1		%
RMS Voltage	0	500	Vrms
RMS Current	0	200	A
RMS Voltage Error	0.1		%
Measurement bandwidth		3.3	kHz
Harmonics		63	
Harmonics measure Error		1	%

