

Sentron types

Unit Model	Base & Optional Communication Protocols	Network Configuration (Phase/Wire)	MID Certification Status	Accuracy Limits (Active Energy)	Harmonic Limits & Features
PAC2200	Modbus TCP or Modbus RTU (Fixed variant via hardware selection)	1-phase, 2-phase, or 3-phase (up to 3-wire/4-wire)	Yes (Dedicated MID variants available)	Class 1 (IEC 62053-21) / Class B (MID)	Total Harmonic Distortion (THD) only
PAC3100	Modbus RTU (Integrated); No optional slots	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No	Class 1 (IEC 62053-21)	No structural harmonics tracking
PAC3120	Modbus RTU (Integrated)	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	Yes (Dedicated MID variants available)	Class 1 (IEC 61557-12)	THD for Voltage and Current
PAC3200	Modbus TCP (Integrated). Optional: PROFINET, PROFIBUS, Modbus RTU	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No	Class 0.5S (IEC 62053-22)	Odd harmonics up to the 31st
PAC3200T	Modbus TCP (Integrated). Optional via Proxy: PROFINET	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No	Class 0.5% (IEC 61557-12)	THD and asymmetry limits
PAC3220	2x Modbus TCP (Dual RJ45 port). Optional: PROFINET, PROFIBUS	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	Yes (Dedicated MID variants available)	Class 0.5S (IEC 62053-22)	Odd harmonics up to the 31st
PAC4200	Modbus TCP (Integrated). Optional: PROFINET, PROFIBUS, Modbus RTU Gateway	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No	Class 0.2 (IEC 61557-12)	Comprehensive tracking up to the 64th
PAC4220	2x Modbus TCP (Dual port, 12 links). Optional: PROFINET, PROFIBUS	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No	Class 0.2 (IEC 61557-12)	Comprehensive tracking up to the 64th
Sentron 9410	Dual-port Modbus TCP, Modbus RTU, ION Protocol, IEC 61850, DNP3	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No (Meets ANSI C12.20 Revenue class)	Class 0.2S (Ultra-high precision)	Individual harmonics up to the 63rd + Waveform capture
Sentron 9810	Dual-port Modbus TCP, Modbus RTU, ION Protocol, IEC 61850, DNP3, DLMS	1-phase, 2-phase, or 3-phase (3-wire/4-wire)	No (Meets ANSI C12.20 Revenue class)	Class 0.1 (Laboratory grade standard)	Advanced grid analysis up to the 127th + Transient recording

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