



HXEDE081

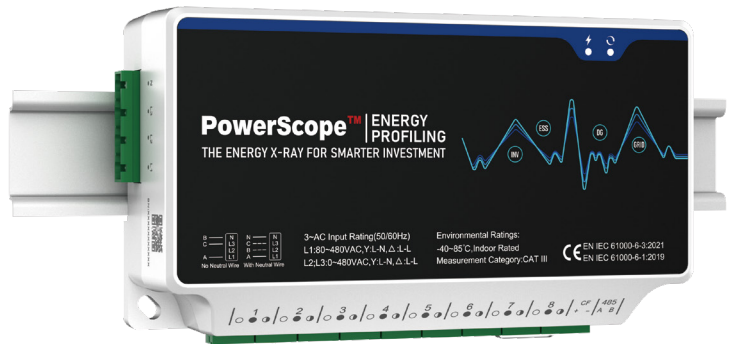
PowerScope™ Energy Profiling

The energy X-ray for smarter investment

PowerScope™ Energy Profiling

HXEDE081

The HXEDE081 integrates energy metering, data logging and services for industrial/commercial energy monitoring and PV-storage optimization. It has 8 channels (300A/600A CT, 2000A Rogowski, auto-recognition), 0.5% active/2% reactive accuracy, 51st harmonic analysis, ms-level load surge recording and demand analysis (interval/sliding modes). With 100Mbps Ethernet/2.4GHz WiFi, it works at -40°C~85°C (IP30) for PV-storage/on-off-grid use to cut invalid investment.



Product Benefits

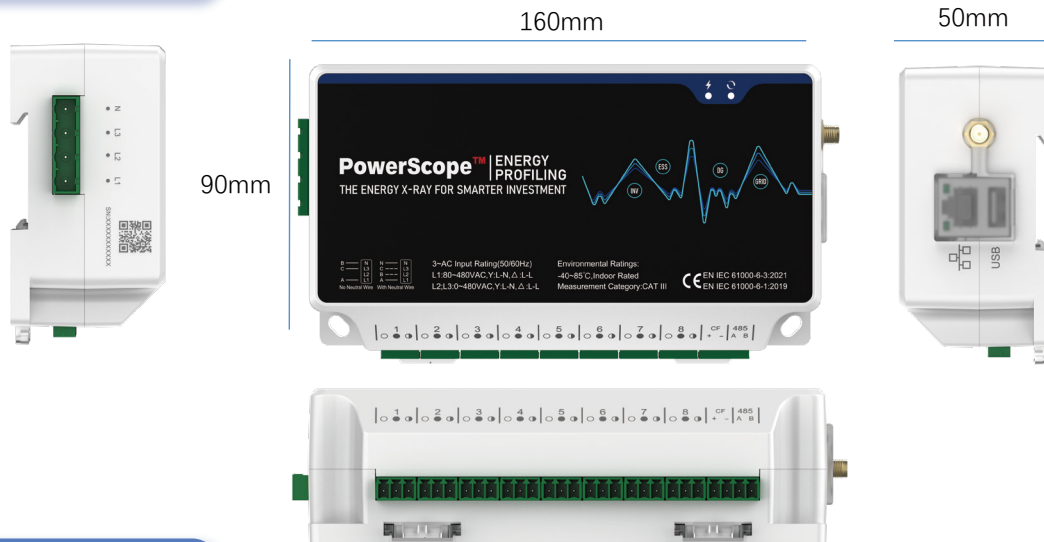
Smarter Decisions with Real Data	Accurate load evaluation reduces over- or under-investment and supports smarter, faster EPC decisions.
Data-Backed Proposals Build Trust	Replace guesswork with real measurements. Enhance proposal credibility and win client confidence.
Identify Waste, Unlock Value	Analyze usage patterns to find inefficiencies and create opportunities for added EPC services.
Lower Development Costs	Capture precise energy data on-site to quickly assess project feasibility and avoid ineffective field surveys — making EPC development more efficient.

Main Functions

Basic Parameters	Technical Requirements
Application voltage level(Un)	1P2W:110V, 120V, 220V, 230V 1P3W:110/220V, 120/240V 3P3W:380V, 400V 3P4W:230/400V
Fundamental current	CT:300A, 600A Rogowski coil:2000A
Maximum current	360A, 720A, 2400A
Measurement accuracy grade	CT:Active 0.5%,Reactive 2% Rogowski coil:Active 2%, Reactive 5%
Normal operating voltage range	Single-phase AC power supply:0.7Un~1.2Un
Frequency	50/60Hz
Support current sampling modes	8-channel current sampling, Supports the selection of CT and Rogowner coils
Specified working temperature	-40 ~ 85 C
Working humidity range	≤95%(without condensation)
Product Functions	Descriptions
Way to install	DIN rail+screw fixation
Connection modes	1P2W, 1P3W, 3P3W, 3P4W
Communication modes	1 WiFi(local, uplink communication for 2.0), 2.4GHz 1 LAN port (for connection with PC) 1 USB port (data export, firmware upgrade) 1 RS485 channel (reserved)
Load and Harmonic Data	ms-level Inrush Current Event,51st Harmonic Data and THD
Demand Analysis	Interval Mode,Rolling Window Mode
Data type	V,A,kW,kVar,kVA,kWh,kVarh,kVAh,Hz
Data storage	≥180 days@1min intervals
Power draw	Total:8Wmax,5W typical
LED	2 LEDs(Operation light, fault indicator light)
Battery	Built-in lithium battery, no clock loss for 5 years
Built-in WEB server	Available
Firmware upgrade	Lifetime free access
Product dimensions(L*W*H)/mm	160*90*50

Typical Dimensions

Typical Dimensions



Product Appearance



Product Accessories List

Number	Configuration details	Specification
1	CT or Rogowski coil	Optional,Quantity:1~8 units
2	Power Supply Cable	One set of four wires, each 2 meters long.
3	WiFi Suction Cup Antenna (optional)	1.5 meters long, Frequency range:824~960MHz,1710~2700MHz

COMPANY HEADQUARTERS

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