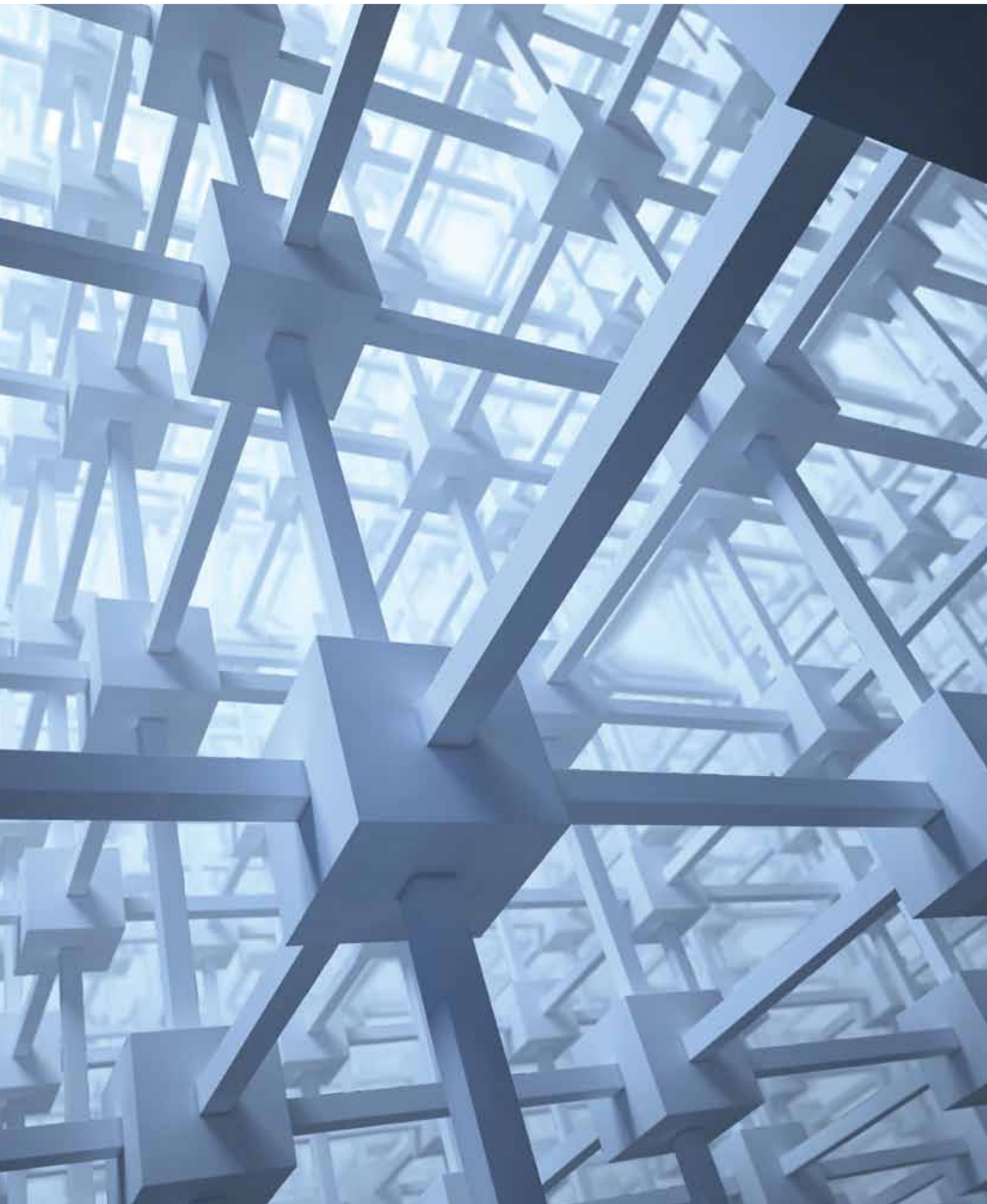
ELNET

Energy & Power Quality Powermeter



ELNet GR/PQ
Energy & Power quality analyzer

Class A compatible (PQ only).
Accuracy 0.2% (0.1% optional special calibration).
1,600 samples per cycle.
EN50160 testing reports (PQ only).
On events waveform recording (PQ only).
Electrical variables display.
Data logging – up to 2 years.
Ethernet (TCP/IP) & RS-232/485 ports.
Modbus and BACnet protocols (RTU/MSTP/IP).
Web browser capability.
Programmable Relays.
Multilingual simple operated menus.
Fast trend reports.
Harmonics measurements – up to 64th Harmonic.
Historical log with up to 1,000 Alarms.
5.7' High resolution display (320x234 pixels).
Waveform and 3D Bar graph displays.
Panel / DIN Rail mounted.

Additional Options: Fault Passage Detection, Neutral to Earth voltage measurement, Leakage current measurement, Neutral line current measurement, Unbalanced Current & Voltage measurements.

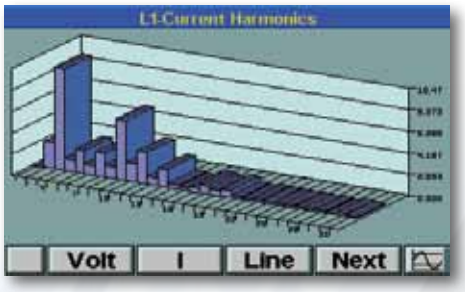
Technical Specifications

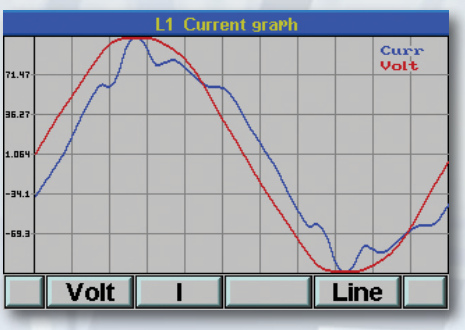
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 12 - 70 VAC/DC (optional)
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 144 x 144 x 100 mm
Shipping Weight	: 1,000 gr.
Working Conditions	: -20 – 70°C
	: 0 - 95 RH%

Measurement Range:

Voltage	: 0 - 515 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

Standard Approvals:
IEC 62053-22, IEC 62053-23, IEC 62052-11, UL, CE, BTL





ELNet LT
Power Quality & Energy Powermeter

Accuracy 0.2 (0.1% optional special calibration).
1,600 samples per cycle.
Electrical variables display.
Up to 6 months of energy data logging.
Build in T.O.U Energy meter.
Harmonics measurements - up to 64th Harmonic.
Multilingual simple operated menus.
RS-485 Communication Port.
Modbus and BACnet protocols (RTU/MSTP).
Programmable output (S0).
High resolution color display (320x240 pixels).
Display of Waveform and Bar graph.
Simple installation – panel mounted.
Additional Options: Leakage current measurement, Neutral line current measurement, TCP/IP & Web browser, email alarm message, Fast trend report, Internal trend database.

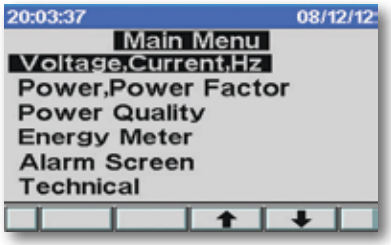
Technical Specifications

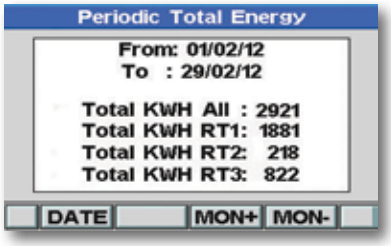
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 96 x 96 x 80 mm
Shipping Weight	: 650 gr.
Working Conditions	: -20 – 70°C
	: 0 - 95 RH%

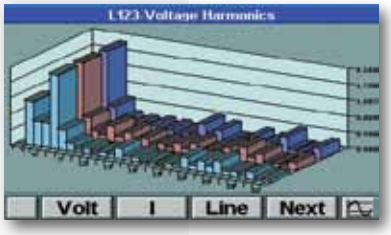
Measurement Range:

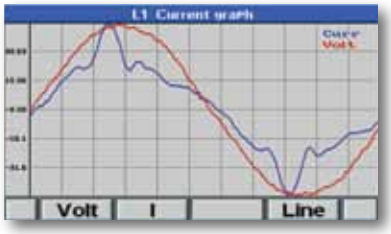
Voltage	: 0 - 515 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

Standard Approvals:
IEC 62053-22, IEC 62053-23, IEC 62052-11, UL, CE, BTL









ELNet LTE
Energy Powermeter

Voltage, Current, Frequency,
Power & Power Factor measurements.
THD-I & THD-V measurements.
Three phase Energy metering (optional).
Peak values display of all measurements.
Power demand for current and real power.
Accuracy 0.2%.
Programmable output (S0).
High resolution color display (320x240 pixels).
RS-485 Communication Port (Modbus).
Phase disorder & absence output.
Simple installation – panel mounted.

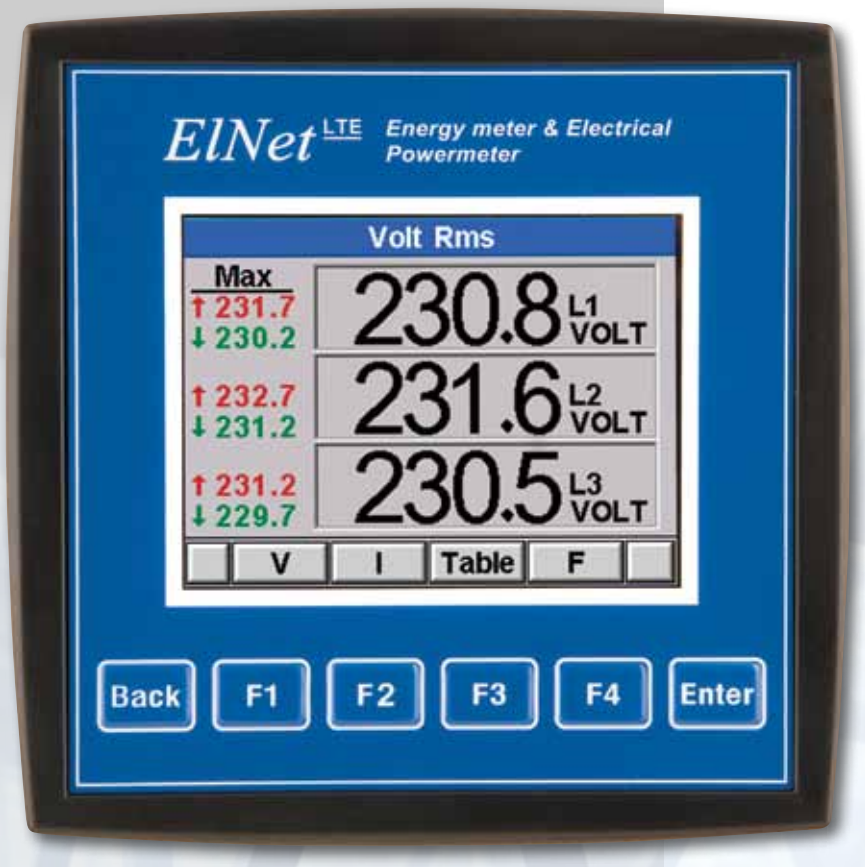
Technical Specifications

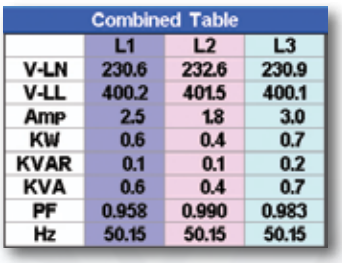
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 96 x 96 x 80 mm
Shipping Weight	: 450 gr.
Working Conditions	: -20 – 70°C
	: 0 - 95 RH%

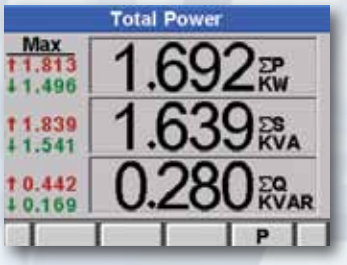
Measurement Range:

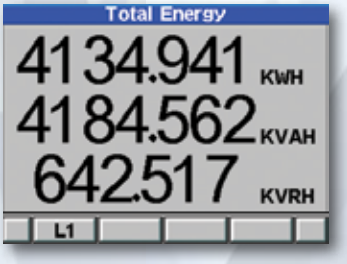
Voltage	: 0 - 515 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

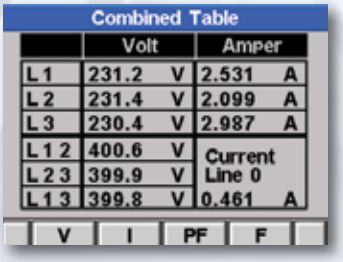
Standard Approvals: IEC 60051-3, UL, CE











ELNet VIP
Powermeter

Three phase Powermeter.
Voltage, Current, Frequency, Power &
Power Factor measurements.
Peak values display of all measurements.
Power demand for current and real power.
Phase disorder & absence output.
Accuracy 0.5%.
LCD backlight display.
Phase (LED) status indication.
Simple installation – panel mounted.

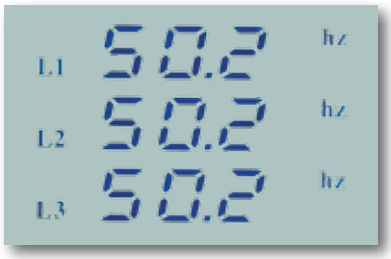
Technical Specifications

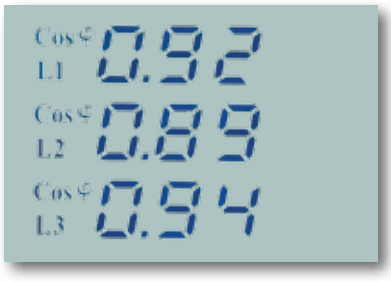
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 96 x 96 x 80 mm
Shipping Weight	: 450 gr.
Working Conditions	: -20 – 70°C
	: 0 - 95 RH%

Measurement Range:

Voltage	: 0 - 320 VAC
Voltage (with transformer)	: up to 999 KV
Current (with transformer)	: up to 999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

Standard Approvals: IEC 60051-3, UL, CE





ELNet LTC
Power Factor Controller

Up to 16 switching relay stages.
Real time Power Factor display.
Voltage, Current, Power Factor & Harmonics measurements.
Weekly & monthly Power Factor display.
Auto detection of capacitors size.
Harmonic's protection.
Voltage & Current limits setting.
Accuracy 0.2 %.
1,600 samples per cycle.
Up to 6 months of energy data logging.
High resolution display (128x64 pixels).
Multilingual simple operated menus.
RS-485 Communication Port.
Modbus and BACnet (optional) protocols.
TCP/IP port & Web browser capability (optional).
Simple installation – panel mounted.

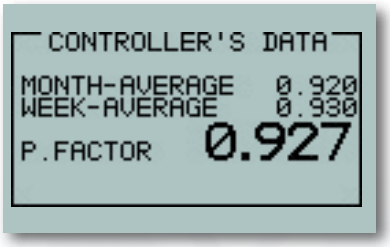
Technical Specifications

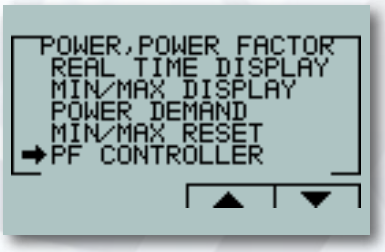
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 144 x 144 x100 mm
Shipping Weight	: 1,000 gr.
Working Conditions	: -20 – 70ºC
	: 0 - 95 RH%

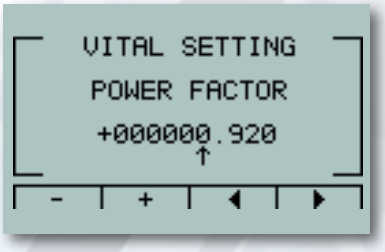
Measurement Range:

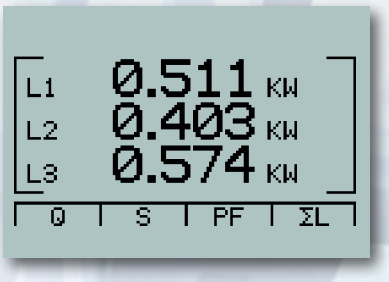
Voltage	: 0 - 550 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

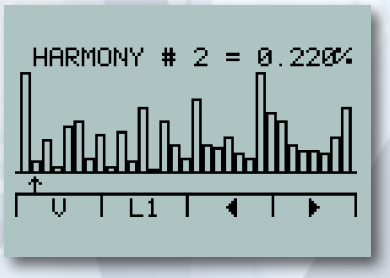
Standard Approvals: IEC 600051-5, UL, CE

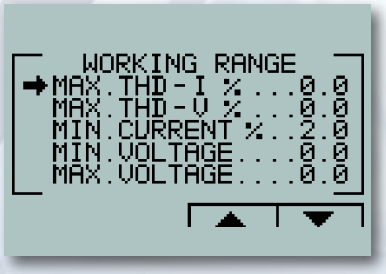












ELNet PFC
Power Factor Controller

Up to 6 switching relay stages.
Real time Power Factor display.
Voltage, Current & Power Factor measurements.
Weekly & monthly Power Factor display.
Harmonic's protection.
Voltage & Current limits setting.
THD-I & THD-V measurements.
Accuracy 0.5% .
Auto detection of capacitors size.
High resolution color display (320x240 pixels).
Multilingual Simple operated menus.
Simple installation – panel mounted.

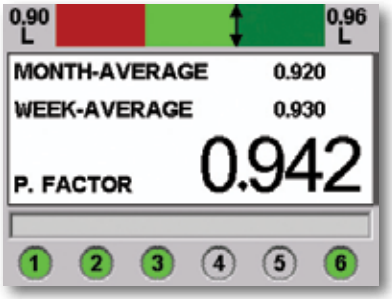
Technical Specifications

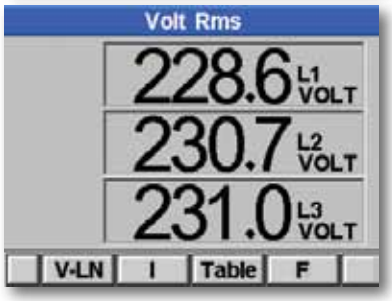
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 96 x 96 x 80 mm
Shipping Weight	: 650 gr.
Working Conditions	-20 – 70°C
	: 0 - 95 RH%

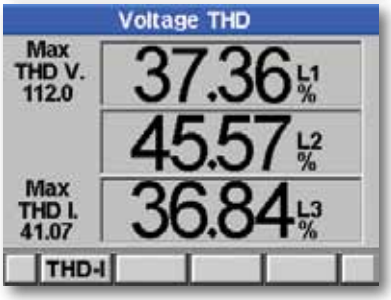
Measurement Range:

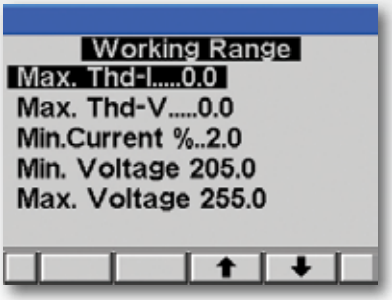
Voltage	: 0 - 515 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A

Standard Approvals: IEC 60051-5, UL, CE









ELNet PIC
Energy Powermeter

Accuracy 0.2 %.
1,600 samples per cycle.
Up to 6 months of energy data logging.
Build in T.O.U Energy meter.
Simple operated menus.
RS-485 Communication Port.
Modbus and BACnet protocols.
LCD display (2x12 characters).
Simple installation – DIN Rail mounted.
32 Harmoics analyzer.
Digital out S0 (optional).

Technical Specifications

Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 8VA
Dimensions (H x W x D)	: 96 x 76 x 57 mm
Shipping Weight	: 450 gr.
Working Conditions	: -20 – 70ºC
	: 0 - 95 RH%

Measurement Range:

Voltage	0 - 550 VAC
Voltage (with transformer)	: up to 99999 KV
Current (with transformer)	: up to 99999 KA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A/72A
Supported Current Sensors	: 0.333 V / 1 Amp / 5 Amp / 63 Amp

Standard Approvals:
IEC 62053-22, IEC 62053-23, IEC 62052-11, UL, CE, BTL

ELNet MC
Multi channels Energy Powermeter

Up to 12 sets of three phase energy meters or
Up to 36 single phase energy meters or
Up to 36 Digital Inputs.
Up to 4 months of energy data logging.
Electrical variables displays.
1,600 samples per cycle.
Accuracy 0.2 %.
Ethernet (TCP/IP) and RS-485 ports.
Modbus and BACnet protocols (RTU/MSTP/IP).
Web browser capability.
Simple operated menus.
High resolution color display (320x240 pixels).
Simple installation – DIN Rail mounted.
Multilingual support.

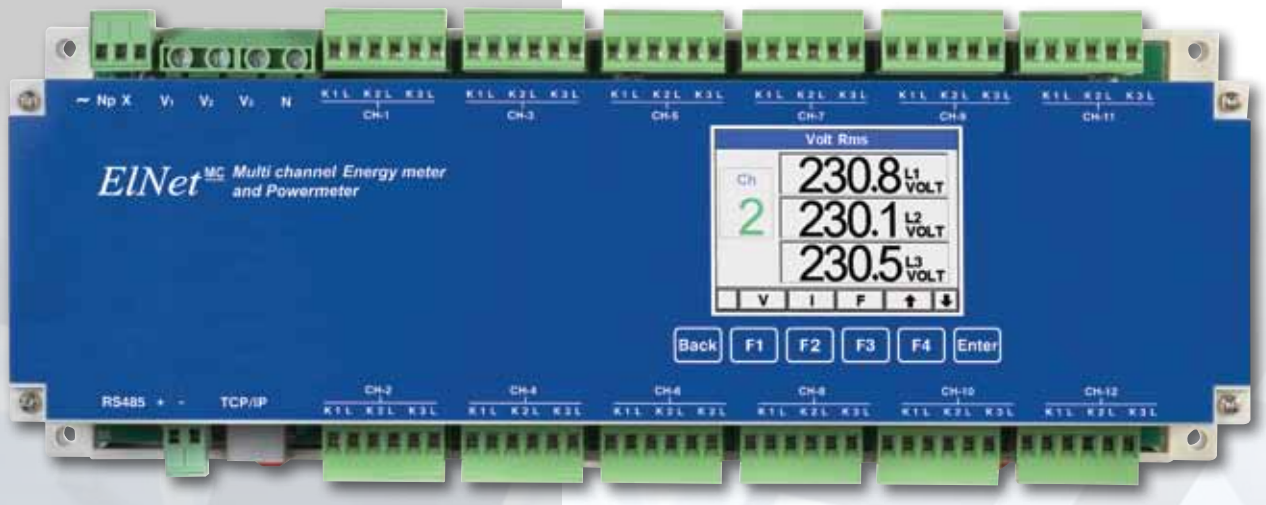
Technical Specifications

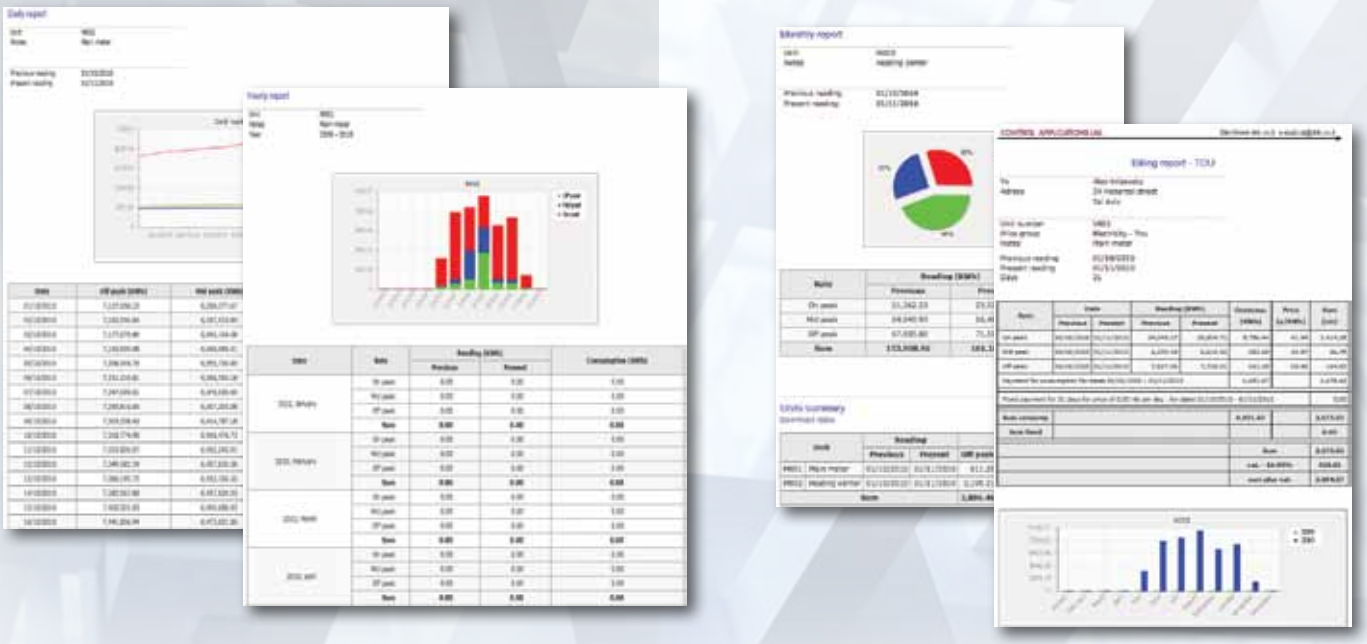
Power Requirements	: 90 - 250 VAC
	: 110 - 280 VDC
	: 60/50 Hz
	: 11VA
Dimensions (H x W x D)	: 110 x 300 x 60 mm
Shipping Weight	: 1,250 gr.
Working Conditions	: -20 – 70ºC
	: 0 - 95 RH%

Measurement Range:

Voltage	: 0 - 550 VAC
Voltage (with transformer)	: up to 999999999 MV
Current (with transformer)	: up to 999999999 MA
Maximum Input Voltage	: 1000V
Maximum Input Current	: 6A
Supported Current Sensors	: 0.333 V / 1 Amp / 5 Amp / 63 Amp / 0.1 Amp

Standard Approvals:
IEC 62053-22, IEC 62053-23, IEC 62052-11, UL, CE, BTL

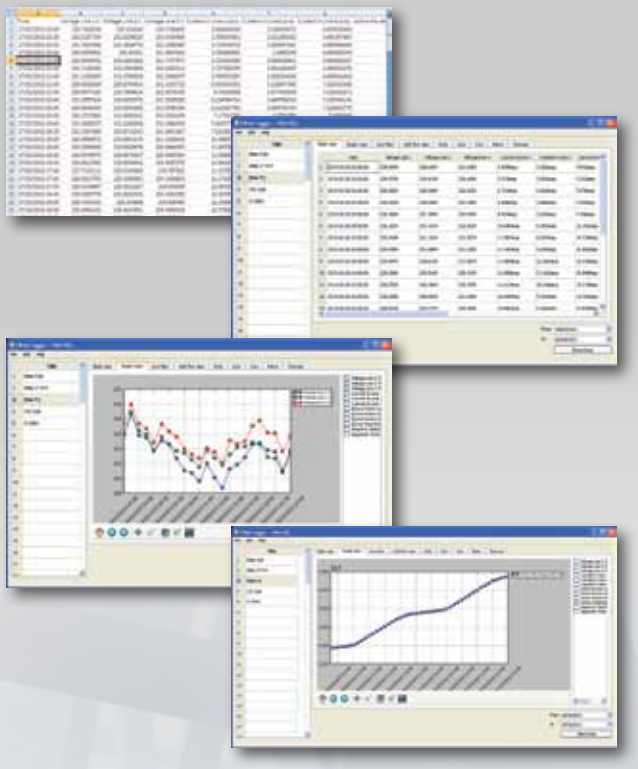




ELNET

ELNet Logger Software

ELNet Logger is a user friendly software package that is especially designed for monitoring and data logging from electrical networks.
ELNet Powermeters Data Logging.
Graphic Display of Trends over time.
Display of Real Time Measurements.
User-friendly Interface.

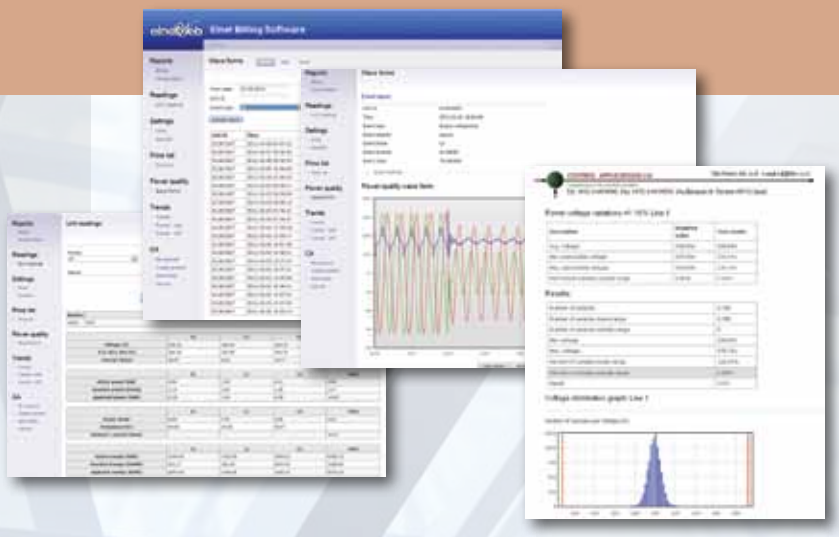


ELNetWeb Billing Web Software

ELNetWeb Billing is a user friendly software package that is especially designed for logging electrical energy consumption from ELNet Powermeters and generating electrical bills.
ELNetWeb Billing provides detailed energy reports on a daily, monthly and annual basis, as well as advanced T.O.U billing capabilities.
Data can be exported to Excel data base.

ELNetWeb PQ Web Software

ELNetWeb PQ is a Web Server software package that is especially designed to enable monitoring and generating reports by using a standard web browser.
Historical data reports.
Logs: events, waveforms, faults.
EN50160 reports for power quality.
Historical Alarms report.



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