

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 protocol.
 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, BACnet (IP/MSTP)

Technical Specifications

Power Requirements
 : 90 - 250 VAC
 : 110 - 280 VDC
 : 60/50 Hz
 : 8VA

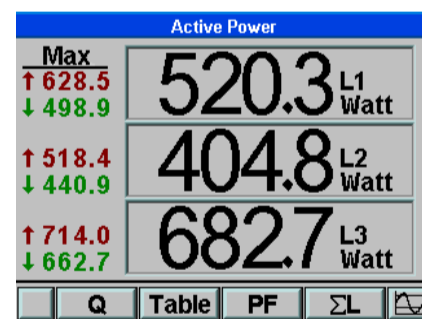
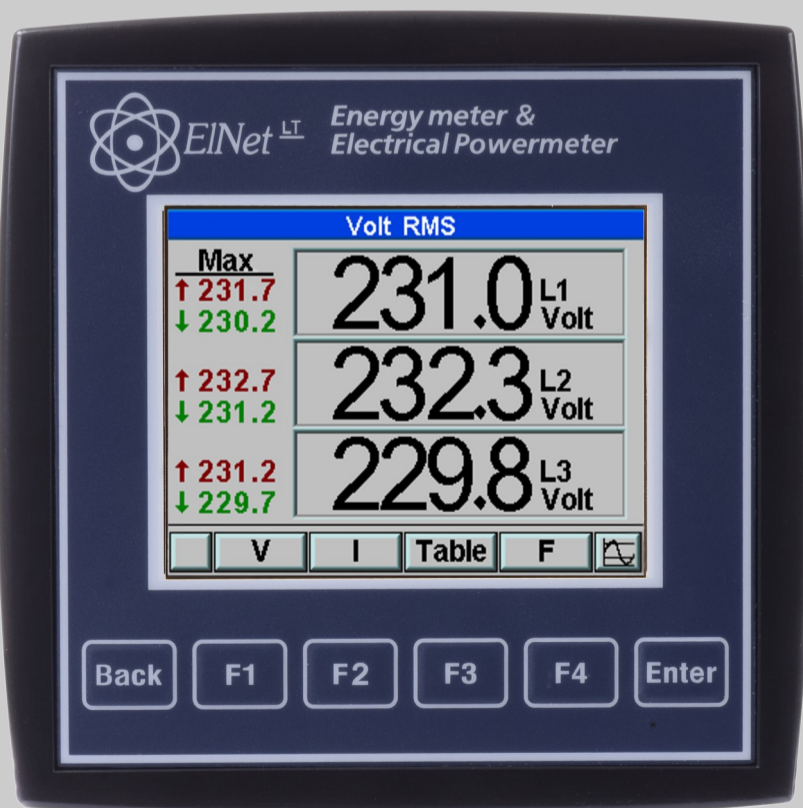
Dimensions (H x W x D) : 96 x 96 x 80 mm
Shipping Weight : 650 gr.
Working Conditions : -20 – 70°C
 : 0 - 95 RH%

Measurement Range:

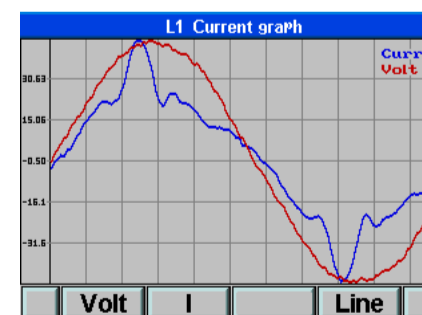
Voltage : 0 - 515 VAC
Voltage (with transformer) : up to 99999 KV
Current (with transformer) : up to 99999 KA
Maximum Input Voltage : 1000V
Maximum Input Current : 6A

Standard Approvals:

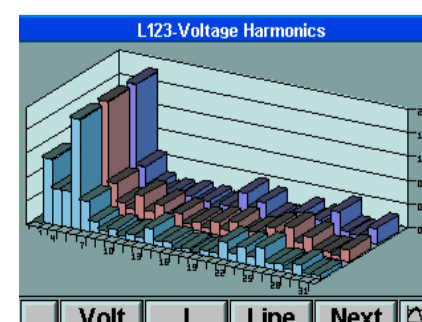
EN62052-11, EN62053-22, EN62053-23, CE,
 UL61010, EN61000-3-2, EN61000-3-3, BTL



Set Communication	
ADDRESS	31
BAUDRATE	4800
PARITY	EVEN



Main Menu	
Voltage,Current,Hz	
Power,Power Factor	
Power Quality	
Energy Meter	
Alarm Screen	
Technical	



Periodic Total Energy	
From:	01/02/12
To:	29/02/12
Total KWH All	: 2921
Total KWH RT1	: 1881
Total KWH RT2	: 218
Total KWH RT3	: 822