

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 (SO).
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: EN62052-11, EN62053-22,
EN62053-23, CE, UL61010, EN61000-3-2, EN61000-3-3



Combined Table			
	L1	L2	L3
V-LN	230.6	232.6	230.9
V-LL	400.2	401.5	400.1
AMP	2.5	1.8	3.0
KW	0.6	0.4	0.7
KVAR	0.1	0.1	0.2
KVA	0.6	0.4	0.7
PF	0.958	0.990	0.983
Hz	50.15	50.15	50.15

Power Factor			
Max	0.981		L1 PF
↑ 0.997			
↓ 0.957			
↑ 1.000	1.000		L2 PF
↓ 0.986			
↑ 0.990	0.954		L3 PF
↓ 0.940			
	P	Q	S

Set Communication	
MODEM	OFF
BAUDRATE	4800
PARITY	EVEN
-	+ ↑ ↓

Total Power		
Max	1.692	
↑ 1.813	KW	
↓ 1.496		
↑ 1.839	1.639	
↓ 1.541	KVA	
↑ 0.442	0.280	
↓ 0.169	KVAR	
		P

Total Energy		
4134.941		
KWH		
4184.562		
KVAH		
642.517		
KVRH		
	L1	

Combined Table			
	Volt	Amper	
L1	231.2 V	2.531	A
L2	231.4 V	2.099	A
L3	230.4 V	2.987	A
L12	400.6 V	Current Line 0	
L23	399.9 V		
L13	399.8 V	0.461	A
	V	I	PF