

Tenka Power Meter



Tenka Power Meter - Main benefits



Modbus interface

Built-in Modbus and pulsed outputs for connectivity



Precision Accuracy

Ensures Class 0.5 accuracy for reliable readings



Versatility

Supports both single and three-phase systems and Ct's



LCD Display

Easy-to-read, real-time energy data display



CT Input Support

Supports 1/5A input CTs for enhanced flexibility



Export control

Efficiently regulate and monitor energy export

Tenka Power Meter

Specifications	
Measured Parameters	The unit can monitor and display the following parameters of a Single Phase Two Wire (1P2W), Three Phase Three Wire (3P3W) or Three Phase Four Wire (3P4W) system
Voltage and Current	
Phase to Neutral Voltages	100-289V AC (not for 3P3W supplies)
Phase to Phase Voltages	173-500V AC (3 Phase supplies only)
Measured Inputs	
Nominal Voltage Input	100-289V AC (Ph+N) or 173-500V AC (Ph+Ph)
Max Continuous Voltage	120% of Nominal
Max Continuous Current	120% of Nominal
Frequency	50Hz \pm 10%
Accuracy	
Voltage	0-5% of range
Current	\pm 5% of nominal
Frequency	0-2% of mid-frequency
Power Factor	1% of unity (0.01)
Active Power (W)	\pm 1% of range maximum
Reactive Power (Var)	\pm 1% of range maximum
Apparent Power (VA)	\pm 1% of range maximum
Active Energy (Wh)	Class 1 IEC 62053-21
Modbus	
Baud Bate	2400, 4800, 9600, 19200, 38400
Environment	
Operating temperature	-25°C to +55°C*
Relative humidity	0 to 95%, non-condensing
Altitude	up to 3.000m
Measurements	
Width	72 mm
Height	94,5 mm
Depth	65 mm
Mechanics	
DIN rail dimensions	72 x 94.5 mm (WxH) per DIN 43880
Mounting	DIN rail (DIN 43880)