



Multifunction Power and Energy Monitor



Software



MFM-96UE



MFM-144x192UE



SPVR-96UE



Features

- TRMS Measurement
- More than 64 Electrical Parameters on 22 display pages
- 3 Phase 3 Wire / 3 Phase 4 Wire (Factory Set)
- Programmable CTR, PTR & Instrument Address, Password & MD Period
- Built in 20 Energy Meters of 8 Digit Resolution
- Energy Import-Export (4 Quadrant Operation)
- RS 485 Port (5kV Isolated) with MODBUS RTU Protocol
- CE Compliance with EN61010-1, EN61326-1
- IP54 (for meter front)
- POWER MASTER Software
- Inbuilt Memory to Store CTR, PTR & Instrument Address, Password & MD Period
- Max. Demand for KW & KVA with User Selectable Demand Interval 1-9999 min.
- THD for Voltage & Current
- Password for Protection of Programmable Parameters
- Auto Scroll (5 sec.) / Manual Scroll Display

Application

This highly accurate, rugged, and compact instruments is competitively priced and ideal for use in application for Power Distribution sector, PLC's / SCADA, Power Management, QC Testing, Energy Audit, BMS and Genset.

Parameters Measured

Parameters Measured	Accuracy	Phase	System
Voltage	± 0.2%	V1N, V2N, V3N, V12, V23, V31	V (System)
Current	± 0.2%	I1, I2, I3	I (System)
Active Power	± 0.5%	W1, W2, W3	W (System)
Reactive Power	± 1%	Var1, Var2, Var3	Var (System)
Apparent Power	± 0.5%	VA1, VA2, VA3	VA (System)
Frequency	± 0.2 Hz	-	Hz (System)
Power Factor	1 st Electrical	PF1, PF2, PF3	PF (System)
Active Energy	Class 1	KWh1, KWh2, KWh3	KWh Total (Import), KWh Total (Export)
Reactive Energy	Class 1	KVarh1, KVarh2, KVarh3	KVarh Total (Ind.), KVarh Total (Cap.)
Apparent Energy	Class 1	KVAh1, KVAh2, KVAh3	KVAh Total
Maximum Demand	± 0.5%	W1, W2, W3, VA1, VA2, VA3	KVA, KW (System)
THD	± 5%	V1, V2, V3, I1, I2, I3	-

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