



Load Manager + Data Logger + GSM Communicator

LM - 03



3 - phase Load Manager with features of :

- Data Logger
- GSM Communicator
- Auxiliary Outputs.

Measurement
Accuracy class - 0.5
As per IEC - 62053-22

*Three ph Power,
Energy &
Harmonics
Measurements*

TAS PowerTek - Leading through Technology!

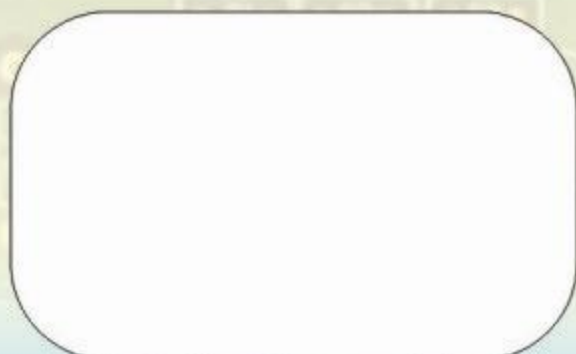
Features:

- Totally Micro-processor controlled Digital Signal processing logic.
- All measurements with 0.5 class accuracy.
- Measurement are frequency & THD compensated.
- Load Voltage & current THD measurement with odd harmonics upto 15th harmonic.
- Auxiliary Output channels user programmable for:
 - = Fault annunciation.
 - = Individual Ph. PF correction
 - = Overall PF correction
 - = Switching ON/OFF Loads.
- Communication protocols like MODBUS, TAS, AT+(GSM).
- Windows based software upto 50 Nodal point for SCADA application

Specifications:

- Voltage: Available in either 63.5/110/240/415/480 Volt values (+20%/-40%).
- Current input : 1A/5A
- Measurement Accuracy: 0.5% as per IEC-62053-22 for active power (kW) & 2% as per IEC-62053-23 for reactive power (kVAR).
- RS-232 baud rate selectable upto 38.4kBPS.
- Operating temperature 0 to 50°C.
- Storage temperature -10 to +75°C.
- Supply frequency: 45Hz to 55Hz.
- Digital input of 0 & +12V from capacitor PF controller to monitor step ON / OFF status.
- IP-54 protection for the front face.

- Flush mountable arrangement for panel door.
- Soft touch key pad for data entry / settings / saving.
- Backlit 16x2 - contrast adjustable LCD display.



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