



Technology of Measurement...

defined



HPL serves wide range of metering solution with the commitment to modern technology. Offers range of meters with its Digital Panel Meters, Digital Energy Meters, Multifunction Meters, Load Managers, Demand Controllers, Power Quality Meters with Smart Metering Solutions based on the wired and wireless technology such as 4G/GPRS & RF 6LoWPAN etc.

Dual Source Panel meters (LCD)



- Records energy for mains and generator both.
- Models available Beta, Gamma & Delta.
- Accuracy in Class 1 and 0.5 with RS485 Comm.
- 2 Relay output can be used as Demand Controller.
- Event logging for Mains/Generator switching.
- Mains/Generator solution available in 240V AC.

Emfis Digital Multi Function Meters (LCD)



- Models available Emfis VIFP, VIFPE, Basic & Import-Export
- Accuracy in Class 1 and 0.5.
- CT & PT is site programmable
- Multifunction parameters with Rs 485 communication optional.
- Emfis Digital Multifunction Meters is also available in Emfis Basic, Emfis Import-Export with THD
- Universal Auxiliary supply 80-300 V AC/DC



ISO-27001:2005



ISO-9001:2008
ISO-14000:2004





3 Phase Panel Mounted Meter with LCD Display

- Models available Alpha, AlphaI, AlphaI+
- Available as Trivector Meter
- Accuracy in class 1 & 0.5
- CT & PT is site programmable
- RS485 MODBUS Communication
- Auto Resolution based on CT & PT ratio



Ebrit: Digital Panel Meters (LED)

- Models available Ebrit Ammeter, Voltmeter, VAF, VAF+
- Accuracy in class 1 & 0.5
- CT & PT is site programmable
- Same Model for A & KA and V & KV
- Favourite display option



Power Factor Controller (6, 8, 12 & 14 Steps)

- Microprocessor based intelligent auto C/K and reted step adjustment.
- Auto CT polarity correction.
- Display of Power factor, current and total harmonic distortion of current programmable sensitivity.
- Last step can be used as alarm/fan output.
- Under/Over voltage, Compensate alarm & high harmonic distortion alarm.
- Available in both single CT & Three CT



Ebrit Multi Panel Meter (LED)

- Accuracy in class 1 and 0.5.
- Password protected programming with Three line LED special screen display.
- RS485 MODBUS communication.
- CT secondary 1A or 5A / Pulse output.
- Universal Auxiliary supply 80V-300V(P-N) for AC/DC.
- THD% for Voltage and current.



Din Rail Mounting Meter

- Programmable CT ratio and scroll lock.
- Single Phase : (5-30A), Pulse o/p for kWh.
- Three Phase : (10-60A,20-80A & -/5A) with dual source & RS485 communication.
- Accuracy in Class 1 & 0.5 in Three phase meter.



Trivector Meter

- Range: LT -CT operated -/5A, CT/PT operated -/5A & -/1A for HT application
- Accuracy class 0.5.
- Measurement and recording of Trivector energy.
- TOD, load survey, tamper data downloadable in CMRI through optical port.



3 Phase Dual Source Energy Meter (-/5A and 10-60A)

- One meter records active energy of two sources.
- Both Optical and Rs 485 MODBUS communication available.
- Indication of current reversal tampering, source in use on LCD display.
- Load survey/Tamper logging available.



Single / Three Phase LCD type Meter

- Rating: 5-30A, 10-60A with accuracy class 1.
- Latest ASIC and Microcontroller based digital technology.
- Meter Records correct energy with same accuracy under reverse current connection.
- kWh Meter with Tamper proof Design.



Smart Metering Solution

- Meter rating available Single phase 5-30A/10-60A, Three phase 10-60A/20-100A, LTCT -/5A, HTCT 11KV & -/5A
- Two way communication
- Available with Cellular & RF Communication
- Switchable prepaid/postpaid
- Switchable unidirectional/Bi-directional



Prepaid Metering Solution

- In single phase & Three Phase : (10-60A).
- Confirming as per IS 15884:2010 with class 1 accuracy.
- Suitable for Dual Source application.
- Transparent system for utility and end user.
- Auto supply disconnection for zero or negative meter balance.



Net Meter

- Available in Single Phase and Three Phase with 10-60A.
- Four quadrant meter with pulse output LED's for kWh, kVAh.
- As per IS :13779.
- Separate reading for Active Energy kWh, kVAh import and export.
- Net Energy kWh with sign.



ABT Meter

- Accuracy Class 0.2s.
- Four-quadrant measurement for bi-directional metering.
- DLMS / COSEM open protocol support.
- Upto 8 tariff per day and upto 12 channel of load profile data and block load profile data.
- Multiple communication port such as optical, RS232 & Rs485 port for remote reading.



Single / Three Phase Electronics Energy Meter with LCD Display (with Optical Comm. port)

- Accuracy Class 1, -/A CT operated 5-30A, 10-60A.
- TOD, load survey, tamper data downloadable to CMRI through optical port.
- Display in absence of power supply, logging and display of tamper data.



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