

3P Portable Energy Meter

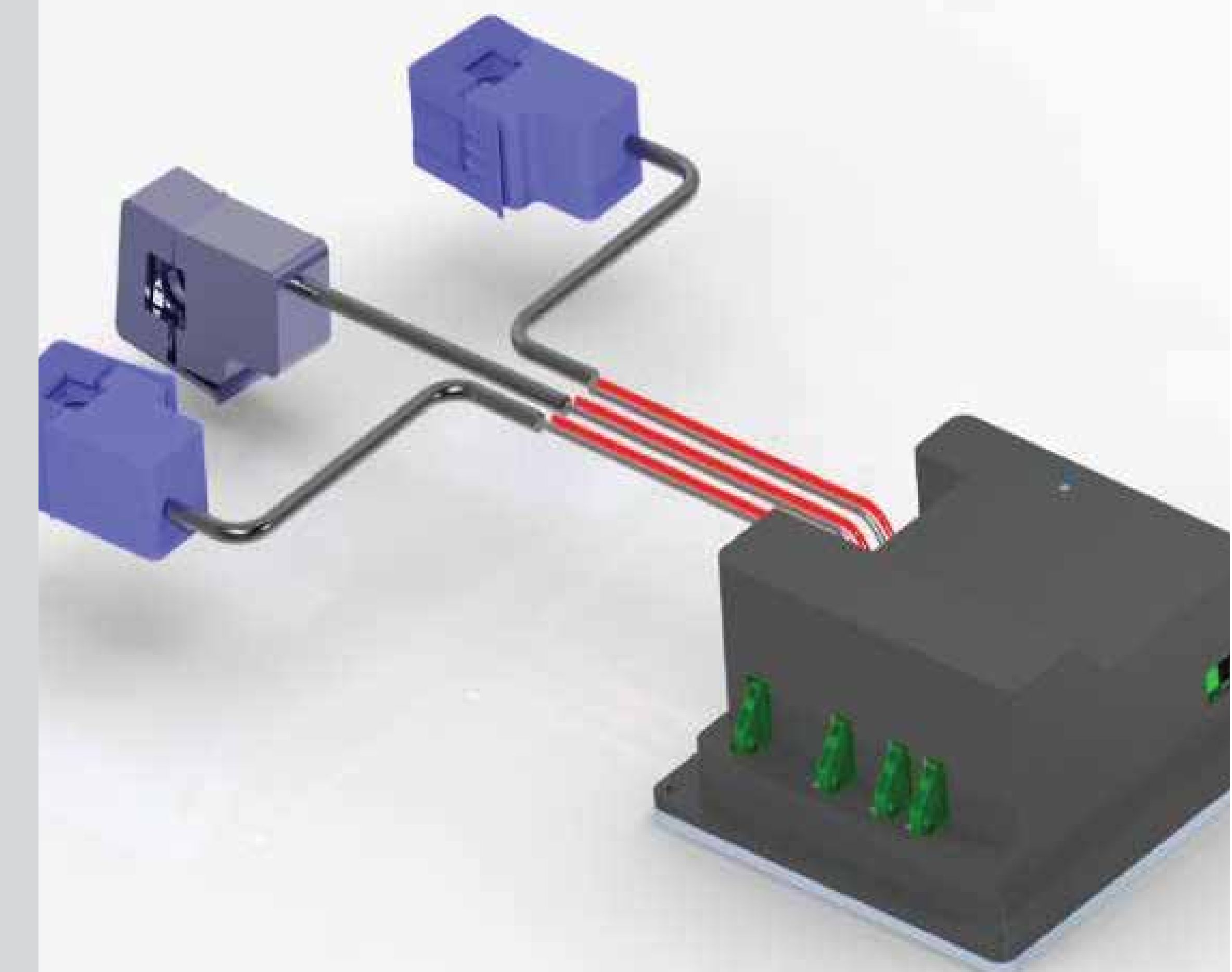


3Phase Energy Meter with Clamp CTs and Push lock connectors for Phase Voltages connection which makes devices a portable one and to access to required specific application like Monitoring, Knowing Health status on individual machine, Reference Meter, Phase failure, Load Survey. Isolated UART provision for connecting to external Gateways for remote monitoring.

IoT hardware,
software and
smart product
development

Key Features:

- Class 1.0 accuracy as per IS & IEC standards
- High surge withstands capability upto 5KV.
- Isolated UART for external interface.
- Clamp On CTs for Portability of Energy Meter.
- CT operated meter with 5A(Ib) to 60A(I_{max}).
- Maintains accuracy under current reversal conditions.
- EFT and Ring wave with stand upto 4KV.

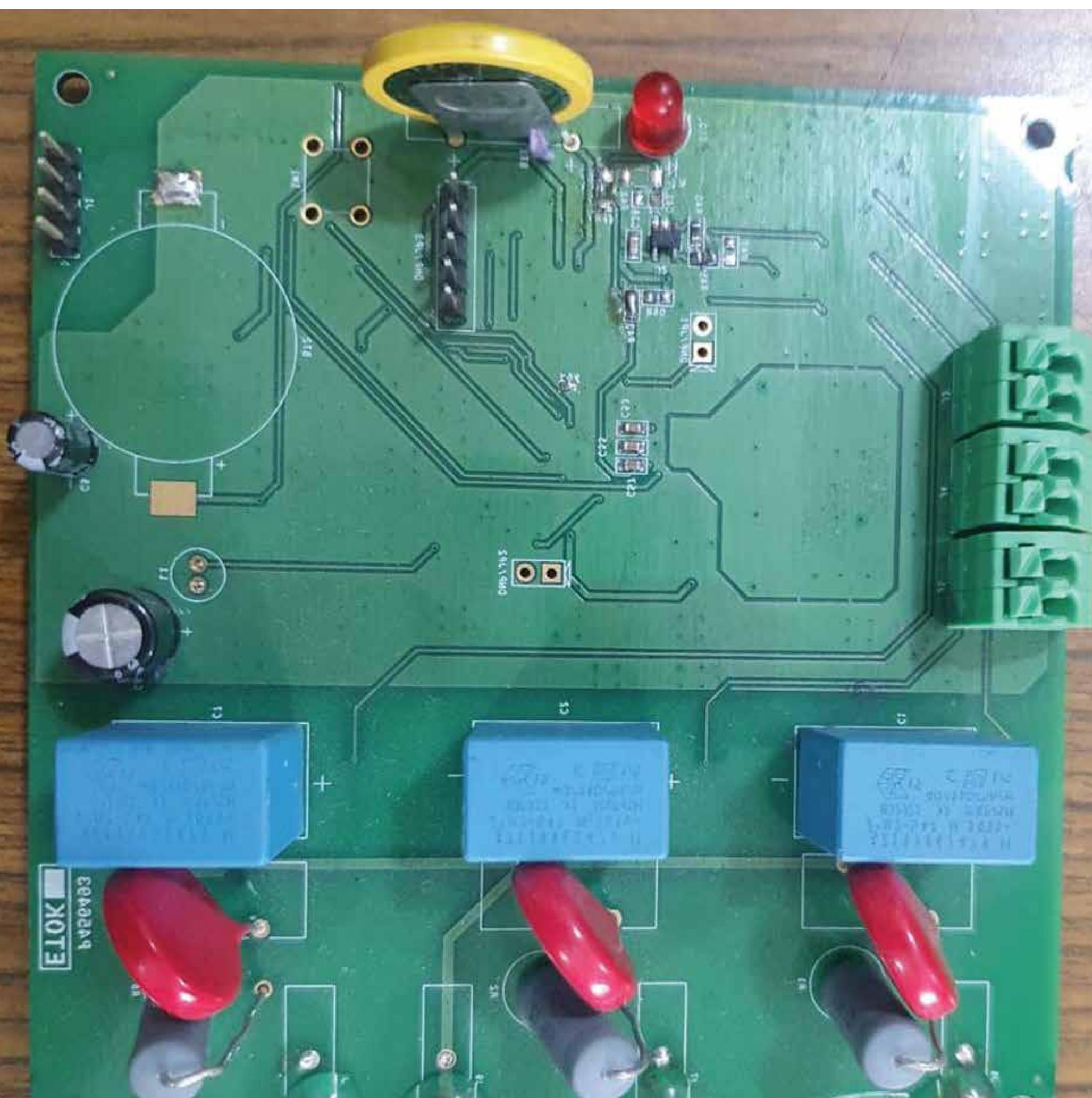


Specifications:

- Operation upto 300VAC per Phase.
- Active energy Pulse LED output.
- Compact Design.
- Wide operating temperature range -20 °C to +55 °C
- Compliance to CE & RE as per Standard.
- Compliance to Voltage Dips, Fluctuations, Harmonics and STOC.

Mechanical Specifications:

- Enclosure: Fire Retardant Poly Carbonate Material
- Wall Mount & DIN Rail Compatible.
- Meter Dimension: 100x100x40 (LxWxH).
- Provisions for Input/output Connections.



Measurement data:

- Active Energy
- Instantaneous Power
- Phase angle change
- Per Phase Voltage and Current
- Phase Error detection

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