



Technical Specifications

- Measurement Type : Single-phase, Three-phase (3P, 4KW)
- Voltage & Current Range
 - ➔ Voltage 80-300 V AC (single-phase); 100-480 V AC (3-phase)
 - ➔ Current 0.1-5 A (typical); up to 100 A with CTs (Clamp-on CTs for higher)
- Energy Measurement Parameters
 - ➔ Active Energy (kWh) 0.01 kWh to 9999 kWh or more
 - ➔ Reactive Energy (kVARh)
 - ➔ Optional, for power factor learning
 - ➔ Apparent Energy (kVAh)
 - ➔ Useful for industrial load simulation
 - ➔ Power Factor (PF) - 0.00 to 1.00 (lagging/leading)
 - ➔ Frequency - 45-65 Hz
- Display
 - ➔ Digital LCD (backlit, 5 digits)
 - ➔ Must show:
 - ➔ kWh/kVARh
 - ➔ Voltage/Current/Frequency
 - ➔ Power (W, VA, VAR)
 - ➔ Power factor
 - ➔ Time or Run Hours
- Installation Type
 - ➔ Panel-mounted Ideal for lab benches or switchboards
 - ➔ DIN-rail
 - ➔ Common in educational trainers
 - ➔ Plug-in (portable)
 - ➔ For appliance-level energy consumption demo
- Power Supply
 - ➔ Self-powered (from measurement line) or
 - ➔ Auxiliary power input (100-300V AC/DC)
 - ➔ Warranty Period-01 Year

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com