

Enercept® Meter H8035

Engineering Specifications

1. The power meter shall consist of three split-core CTs hinged at both axis with the power metering electronics embedded inside of the master CT.
2. The meter shall measure true (rms) power, instantaneous demand (kW) and consumption (kWh).
3. The meter shall report kW/kWh serially over an RS-485 network using the Modbus (RTU) protocol.
4. The consumption (kWh) variable shall be stored in non-volatile memory and retained in the event of a power outage.
5. The meter shall directly accept any voltage input from 208-480 VAC.
6. The meter shall be calibrated as a system and be accurate to +/- 1% from 7 % to 100 % of the rated current over a temperature range of 0-60° C.
7. The meter shall conform to ANSI C12.1 metering standards.
8. The power meter shall be internally isolated to 2000 VAC.
9. The power meter case isolation shall be 600 VAC.
10. The power meter available ordering ranges shall be 100-2400 Amps.
11. The Power Meter shall Veris Industries model H8035