

### Specifications

- ANSI C12.18, C12.19, C12.20 & C37.90.1 Compliant
- Utilizes Shielded Current Transformer(s) for Measurement
- 120 - 480 VAC Input Voltage
- LCD Display is soldered to the board
- Load Profile
- Time of Use
- Demand
- Reactive Metering
- Event Log
- Delivered, Received & Net Metering
- Four Quadrant Metering for KW & KVarh
- Alternate Mode with programmable display values
- Accuracy +/- 0.2%
- Shipped with Accuracy better than +/- 0.15%
- Designed for 20 Year Life
- Battery options for Display, Ram, and Clock
- Continuous Instantaneous KW Available
- Uses Vision 20/20 Software for Programming
- Starting Watts < 1.2 @ 120 VAC
- 50/60 Hz +/- 5%
- Utilizes Maxim Teridian Technology
- -40 to +85 °C operating temperature
- 5 to 95% humidity non-condensing
- 100 or 200 Amp Switch Option(s)
- 32-Digit User Defined Security Key
- Optional Pulsed Output Board



The Vision XT-E (Enhanced) version of the XT meter has been upgraded with a stronger power supply, two zero crossing circuits, more memory and additional filtering to allow better performance of the SSN NIC. Two new meter packages were developed to allow more flexibility with internal switches and cost.

Both Class 100 and Class 200 switches can be included in the base of either package. Class 200 switches are available in forms 1S, 2S, & 12S, while Class 100 switches are available in Forms 1S, 2S, 12S and 16S meters.

Additional functionality includes four quadrant metering for KWh and KVARh along with the ability to output VARh pulses for testing. The Vision 20/20 programming software has also been upgraded to provide programming of all new features.

The smaller package can be used for Forms 1S, 2S, 3S, 4S & 12S while the larger package can be used for all meter forms. All materials used in the production of the XT-E are UL listed and are the same as those found in our UL listed meters.

As with the Vision XT platform, TOU, Load Profile, Demand, Reactive, Net Metering and Four Quadrant Metering are all included at no additional cost.



# Displayable Values

## Energy Values

KWh Delivered Total  
KVARh Delivered  
KVAh Delivered  
KWh Delivered Phase A  
KWh Delivered Phase B  
KWh Delivered Phase C  
KWh Received Total  
KVARh Received Total  
KVAh Received  
KWh Received Phase A  
KWh Received Phase B  
KWh Received Phase C  
Quadrant 1 KWh  
Quadrant 2 KWh  
Quadrant 3 KWh  
Quadrant 4 KWh  
Quadrant 1 KVARh  
Quadrant 2 KVARh  
Quadrant 3 KVARh  
Quadrant 4 KVARh

## Demand

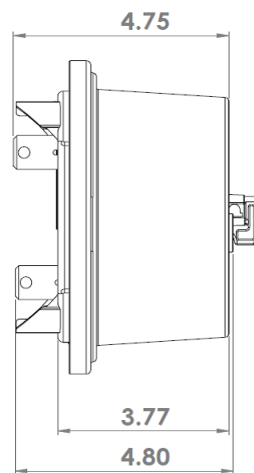
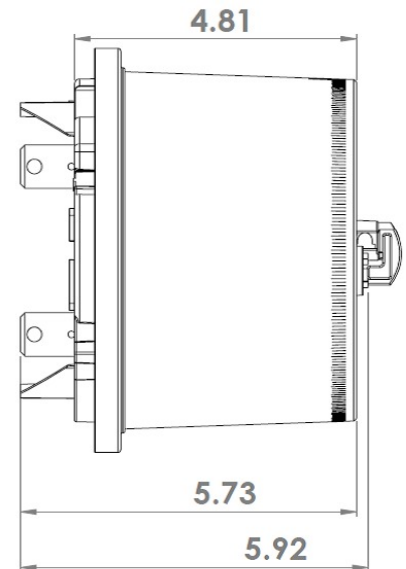
Max KW Demand  
Max KVA Demand  
Max KVAr Demand  
Cumulative Demand  
Continuously Cumulative  
Demand Reset Date  
Date, Max KW Demand  
Date Max KVA Demand  
Date, Max KVAr

## Time of Use

KWh Rate A  
KWh Rate B  
KWh Rate C  
KWh Rate D  
  
Cumulative Demand  
Continuously Cumulative Demand  
  
Demand KW Rate A  
Demand KW Rate B  
Demand KW Rate C  
Demand KW Rate D

## Volts, Amps & PF

Voltage RMS Phase A  
Voltage RMS Phase B  
Voltage RMS Phase C  
  
Current RMS Phase A  
Current RMS Phase B  
Current RMS Phase C  
  
Phase Angle Phase A  
Phase Angle Phase B  
Phase Angle Phase C  
  
Power Factor Phase A  
Power Factor Phase B  
Power Factor Phase C  
Total Power Factor



LCD Display Layout

