TECHNICAL SPECIFICATIONS **Measuring Transmitting Units (MTUs) Pro Lite Pro Home** Pro Types of Services Single-phase 2-Wire or 3-Wire Yes Yes Yes 3-phase 4-Wire Wye Yes Yes No 3-phase 3-Wire Delta Yes No No 3-phase 4-Wire Hi-leg Delta Yes No No 50/60 Hz 50/60 Hz Frequency 50/60 Hz Maximum Voltage - Phase/Phase 600 V n/a n/a Maximum Voltage - Phase/Neutral 277 V 240 V 347 V Minimum Voltage 180 V 95 V 95 V 5000A* 200A 400A** Maximum Current - per phase Maximum Wire Size 500 MCM (23mm OD)* 4/0 AWG (15mm OD) 4/0 AWG (15mm OD) Voltage Measurement Voltage Divider Circuit Voltage Divider Circuit Voltage Divider Circuit **Current Measurement** 400A:3V Split-Core CTs 200A:1.5V Split-Core CTs 200A:1.5V Split-Core CTs Operating Temperature -40°C<T_A<+50°C -40°C<T_A<+50°C -40°C<T₄<+50°C **Energy Measurement and Calculations** ADE 7854ACPZ Cirrus CS5461A Cirrus CS5461A *** Better than ± 2% *** Better than ± 2% **Overall Accuracy** *** Better than ± 2% 1-phase, ± 4% 3-phase Measure and Transmit Energy ± 1W ± 1W ± 1W Measure and Transmit Demand ± 1VA ± 1VA ± 1VA Measure and Transmit Voltage ± 0.1V ± 0.1V ± 0.1V Measure and Transmit Phase Currents ± 0.01A ± 0.01A ± 0.01A Measure and Transmit Power Factor ± 0.1% ± 0.1% ± 0.1% Communication Interface PLC / Ethernet **PLC PLC** PLC System Yitran IT700 System Yitran IT700 System Yitran IT700 System Tested and Approved to: FCC Part 15, UL916, CSA C22.2#205, IEC 61010-1

^{*} Will measure up to 5000A with three 400A parallel feeds using additional CT sets. For systems over 1200A please contact TED Customer Service.

^{**} Will measure up to 400A with two parallel 200A using additional CT set or with optional 400A CT set.

^{***} From 1.5% to 100% of Full Scale