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Product Details

The A3 ALPHA® meter uses Honeywell's patented digital measurement techniques that offer high accuracy, repeatability, and low ownership costs. Building upon standard meter design that includes form consolidation, voltage and class consolidations, 0.2% accuracy class meters, functional scalability and standard two week lead times, the A3 ALPHA meter is available in single phase and polyphase form factors.

The A3 ALPHA meter is a communications platform, and it can be easily integrated into a variety of automated meter reading (AMR) and advanced metering infrastructure (AMI) solutions.

Additional Information

Product Type	C&I Meters
Standard Features	<ul style="list-style-type: none">• Fully programmable• Pre-programmed at the factory• Wide operating ranges for voltage, current, and temperature• 64 KB of main circuit board memory• Complete ANSI C12 protocol capable• Over 50 displayable instrumentation values including:• Average power factor• high accuracy internal clock• Polycarbonate enclosure• Easily upgradeable through software and optional hardware• Factory-installed lithium battery (for TOU meters)• Easy access battery
Advanced features	<ul style="list-style-type: none">• Advanced four-quadrant metering• Basic load profiling with up to 8 channels• Instrumentation profiling with up to 32 channels• 128 KB of main circuit board memory• Transformer and line loss compensation• Power quality monitoring• Three-phase power supply (called the “AnyPhase power supply”)
Option boards	<ul style="list-style-type: none">• Relay output option board• Internal telephone modem• 1 MB extended memory option board

Standards compliance The A3 ALPHA meter meets or exceeds the ANSI standards for electricity metering, and it is intended for use by commercial and industrial utility customers..

- ANSI C12.1 – 2001 – American National Standard for Electric Meters – Code for Electricity Metering
- ANSI C12.10 – 2004 – Electromechanical Watthour Meters
- ANSI C12.18 – 1996 (as amended in 2002) Protocol Specification for ANSI Type 2 Optical Port
- ANSI C12.19 – 1997 – Utility Industry End Device Data Tables
- ANSI C12.20 – 2002 – American National Standard for Electricity Meters 0.2 and 0.5 Accuracy Classes
- ANSI C12.21 – 1999 – Protocol Specification for Telephone Modem Communications

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