



FOCUS AXe Metering Platform

Advanced metering performance and safety

The FOCUS® AXe platform for advanced electric metering and smart grid applications enhances your sensor ecosystem with proven reliability and innovative features. Expanding on Landis+Gyr's industry-leading FOCUS AX platform, the FOCUS AXe adds increased memory and processing power to enable greater

- FOCUS AXe/AXRe/RXRe E331 (Modular)
- FOCUS AXe/AXRe/RXRe E332 (Integrated)
- FOCUS AXe/AXRe/RXRe-SD E351 (Modular)
- FOCUS AXe/AXRe/RXRe-SD E352 (Integrated)

measurement, power quality, and data profiling capabilities. The FOCUS AXe also incorporates a sensor to detect meter removal and insertion as possible indications of tampering, as well as increased power supply capacity to support more advanced AMI modules for expanded communications abilities.

Reliable disconnect service for any type of residential installation

The FOCUS AXe-SD provides reliable remote service disconnect and reconnect with a motor driven, cam action switch under the meter cover. Available in both CL200 and CL320 UL certified models, the switches operate safely for thousands of iterations

at full class current. Along with direct switch actuation, the FOCUS AXe-SD supports multiple load-limiting features that initiate a disconnect when a specified instantaneous power or average demand level is reached.

Features

- Active Energy "kWh" meter: Optional Reactive Energy "kVAh or kVARh"
- Two simultaneous demands: kW, kVA, and kVAR
- 200A and 320A remote disconnect
- Meters exceed ANSI requirements for meter accuracy (0.2% active) and surge protection (10kV)
- Power Quality Metrics: Sag, Swell and Total Harmonic Distortion
- Up to 8 channels of Load Profile standard

- Independent 2nd 8-channel Load Profile Recorder (optional for E331/E351)
- Every S-Base meter form is UL listed
- Meter removal and insertion detection to indicate possible tamper
- Magnetic and DC presence detection
- Over-the-air firmware and program updates¹
- Dedicated Voltage Log
- Configurable optical port lockout¹

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Product Specifications

General Specifications	<ul style="list-style-type: none"> All models support demand billing and are time-of-use (TOU) Ready – Battery Optional Third Generation processor runs 2x as fast as FOCUS AX 2x RAM, 2x ROM, and 4x the Non-Volatile Memory as FOCUS AX Designed for 20+ years life Utilizes ANSI protocol (for optical port and between meter and AMI device) 9-Digit LCD Display scroll sequence programmable (factory or end user) Configuration Port – standard plastic: Optional ANSI C12.18 optical 			
Operating Temperature	-40C to +85C under cover			
Nominal Voltage	120V or 240V			
Operating Voltage	80% to 115% of Nominal Voltage			
Frequency	60Hz +/- 5%			
Humidity	5% to 95% relative humidity, non-condensing			
Starting Load (Watts)	<ul style="list-style-type: none"> Class 20: 0.005 Amp (0.6W) Class 100: 0.030 Amp (3.6W) Class 200: 0.050 Amp (12W) Class 320: 0.080 Amp (19.2W) Class 480: 0.120 Amp (28.8W) 			
Voltage Burden	< 1.9W Max			
Load Performance Accuracy	Accuracy Class 0.2% (reactive energy 0.5%)			
Available Forms				
	E331 (Mod)	E332 (Int)	E351 (Mod-SD)	E352 (Int-SD)
Self-Contained	1S, 2S, 2SE (320A), 12S, 25S	1S, 2S	1S, 2S, 2SE (320A), 12S, 25S	1S, 2S, 2SE (320A)
Transformer Rated	3S, 4S	3S, 4S	—	—
K-Base	2K (480A)	—	—	—
Display Options				
	<ul style="list-style-type: none"> Energy Metrics: +kWh, -kWh, Net kWh, added kWh (Security), kVAh or kVARh Metric Energy Display Format: 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10 TOU, demand billing and two demands (selectable kW, kVA or kVAR) 			
Communications¹				
	<ul style="list-style-type: none"> Modular design – with or without AMI communication (E331/E351) Integrated design² – with radio built-in (E332/E352) 			
Selectable Meter Multiplier				
	Up to 4096 as result of PT ratio x CT ratio			
Applicable Standards				
ANSI C12.1	Code For Electricity Metering			
ANSI C12.10	Physical Aspects of Watthour Meters - Safety Standard			
ANSI C12.18	Protocol Specification for ANSI Type 2 Optical Port			
ANSI C12.19	Utility Industry End Device Data Tables			
ANSI C12.20	American Nat'l Std. for Electricity Meters – 0.1, 0.2, and 0.5 Accuracy Classes			
CAN3-C17-M84	Canadian specifications for approval of type of electricity meters			
UL 2735	UL Standard for Safety Electric Utility Meters			
Service Disconnect – E351 and E352				
200A Disconnect	<ul style="list-style-type: none"> 10,000 operations at 200 Amps Available forms: 1S, 2S, 12S, 25S 			
320A Disconnect	<ul style="list-style-type: none"> 3,000 operations at 320 Amps (10,000 operations at 200 Amps) Available forms: 2SE 			
International Certifications				
Measurement Canada (MC)	AE-1967, AE-2398, AE-2474, AE-2475			

1. Select features rely on a communications module. Meters that are AMI-enabled with communications are clearly labeled on meter face above digital display.

2. Series5 MCM0 Technology: IEEE 802.15.4-2020 900 MHz 2-FSK and 2-GFSK, Speeds: 9.6-115.2 kbps (RF Mesh), 10-200kbps (Mesh IP), Output Power: 500mW Max.

This information is provided on an "as is" basis and does not imply any kind of guarantee or warranty, express or implied. Changes may be made to this information.

Let's build a brighter future together.

Landis+Gyr is a leading global provider of integrated energy management solutions. We measure and analyze energy utilization to generate empowering analytics for smart grid and infrastructure management, enabling utilities and consumers to reduce energy consumption. Our innovative and proven portfolio of software, services and intelligent sensor technology is a key driver to decarbonize the grid. Having enabled 9 million tons of CO₂ savings in FY 2024 through our product offerings, Landis+Gyr manages energy better – since 1896. With sales of USD 1.7 billion in FY 2024, Landis+Gyr employs around 6,300 talented people across five continents. For more information, please visit our website www.landisgyr.com.