

# Residential Metering

Precision Meets Advanced Energy Management

From day-to-day power management to the next storm, are you prepared?



The FOCUS® family of solid-state residential electric metering solutions is central to Landis+Gyr's global success in helping utilities manage energy better. Engineered to evolve with new technologies, FOCUS meters boost the value of AMI investments, enhance customer service, and expand existing sensor ecosystems. FOCUS meters offer field-proven safety features as well, such as remote service disconnect capabilities.

Flexible and robust in design, the FOCUS family provides the processing power and memory needed to support advanced utility use cases. Combined with rigorous

testing, high quality materials, and fewer board components, FOCUS meters deliver highly accurate and stable measurement performance over their 20+ year life expectancy.

FOCUS meters are also available with various Landis+Gyr communication options to support radio, powerline carrier, or public cellular networks, as well as numerous partner communication options. The result is an easily adaptable metering solution that leverages the advanced technologies already in place, protecting existing investments while assuring future readiness.

## HIGHLIGHTS:

- Exceeds ANSI standards for Surge (10 kV) and accuracy (0.2%)
- UL 2735 Listed
- Bi-directional metering supports distributed energy and cogeneration applications
- Scalable functionality
- Temperature monitoring
- Flexible data profiling
- Communicating or meter-only configuration options
- Available 200 amp or 320 amp disconnect switch under the cover\*

## Precision Meets Advanced Energy Management

		The FOCUS Family of Residential Meters		
		E130 FOCUS AL	E330 FOCUS AX E350 AX-SD	E331 FOCUS AXe E351AXe-SD
Features	Non-volatile memory	+	+	+
	Digital Multiplication Measurement Technique	+	+	+
	20+ year life design	+	+	+
	Time of use and demand billing display options		+	+
	Optical port lockout option		+	+
	Event log of 500+ entries		+	+
	Service limiter function (SD models only)		+	+
	9-digit LCD		+	+
	12 self reads		+	+
	Voltage monitoring	+	+	+
	Sag/swell detection		+	+
	Reactive kVAh or kVARh		+	+
	Load profile (8 channels)		+	+
	Increased memory and power supply			+
	Tilt/vibration sensor for tamper detection			+
	2nd demand (kVA or kVAR)			+
	Total harmonic distortion (watts)			+
	Optional 8-channel 2nd load profile recorder			+
Class 320A disconnect switch			+	

## Choice and Flexibility

### E130 FOCUS AL

Designed with field proven technology, the FOCUS AL uses minimal parts and connectors to deliver reliability in basic bidirectional kWh measurement. By incorporating discrete sensing technology, FOCUS AL meters allow for monitoring of individual voltage along with tamper conditions. The AMI-friendly design offers many communications options, delivering a combination of exceptional versatility and value for those utilities not needing more advanced measurement or data recording capabilities.

### E330 FOCUS AX and E350 AX-SD

With the E330 FOCUS AX, Landis+Gyr takes residential metering to the next level by adding demand, time-of-use, and load profile (77 KB) capabilities. The E350 FOCUS AX-SD incorporates a 200 amp, motor driven, cam action disconnect/reconnect switch under the meter cover.

### E331 FOCUS AXe and E351 AXe-SD

Expanding on the AX solution, the FOCUS AXe metering platform provides more processing speed and memory to enable improved measurement, data logging, and power quality capabilities. FOCUS AXe meters deliver further security by including a sensor that can detect meter removal, providing an indication of possible tampering.

The FOCUS AXe-SD can incorporate a 320 amp disconnect switch for larger residential installations to provide safe and reliable disconnect service at full rated current. The 320 amp disconnect switch is the first of its kind in the market, proving Landis+Gyr's commitment to offering innovative and reliable solutions to meet evolving utility needs.

\* 320 amp disconnect switch available in the FOCUS AXe-SD, Form 2SE only