



eGauge Systems ECSxx-yyy Energy Metering System User Manual

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eGauge CT Specifications

Model: ECSxx-yyy

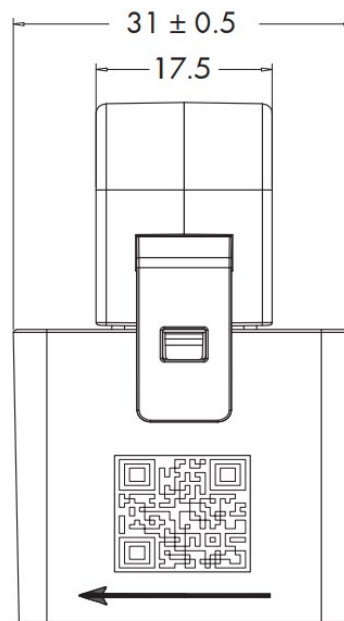
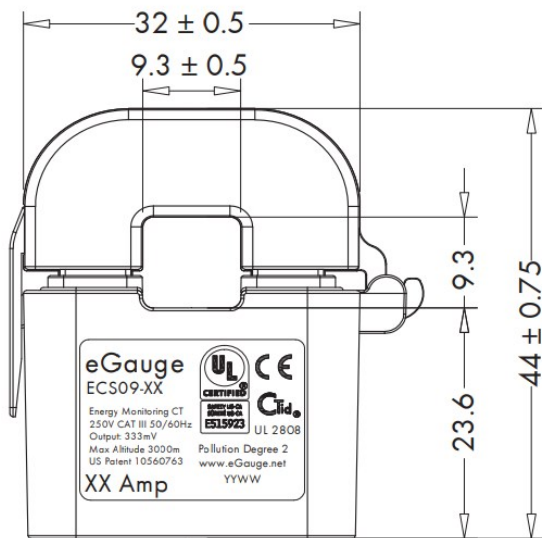
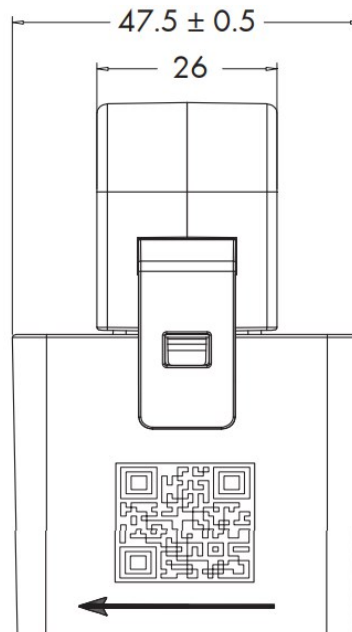
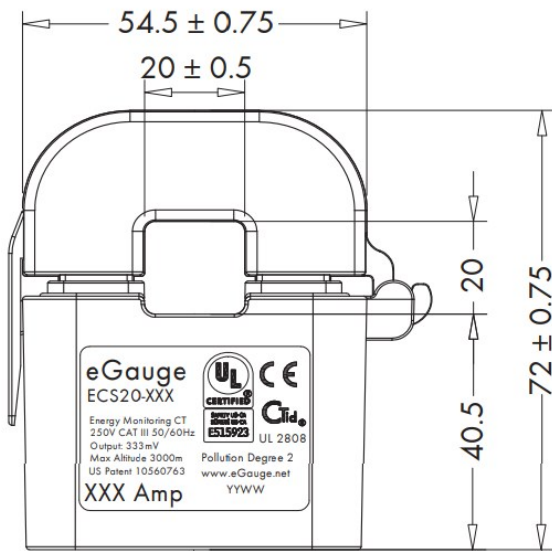


The eGauge ECS series CTs are split-core current transducers (CTs) with 36mm, 20mm, and 9mm openings. CTs are installed around current carrying conductors to measure amperage as part of a power metering solution. Thanks to the split-core design, they are easily retrofitted to existing power systems and do not require the metered conductors to be disconnected. A 333mV output means no shorting blocks are required. All ECS CTs are UL2808 certified.

eGauge CTs use CTid technology for auto-detection and have an onboard LED which can be used to identify which CT is connected to a given sensor port. This is useful, for example if the CT leads cannot be traced.

	ECS36	ECS20	ECS09
Amperage Ratings	400A, 600A	100A, 200A, 300A	50A, 80A
Window Size	36mm (1.42’')	20mm (0.79’')	9mm (0.35’')
Accuracy	1% (ECS xx–yyy) or 0.5% (ECS xx–yyy-R)		
Frequency	50–60 Hz		
Wire Lead	8ft (2.45mm), Black/white twisted wire, AWG18 (UL1015 600V)		
Overvoltage Category	600V AC, CAT IV		250V AC, CAT III
Dielectric Strength	7400V AC / 1 minute		
Operating Temperature	–40 to 60 °C	–40 to 75 °C	
Conditions	Indoor use, Pollution Degree 2, Altitude up to 3000m		
Output	333mVrms at rated amperage		
Certifications	UL listed (UL2808, XOBA file #E515923), RoHS, CE pending		
	UL61010-1, CAN/CSA STD C22.2 NO. 61010-1		

Additional Photos



For more information visit



egauge.net/support/m/ecs

www.eGauge.net (720) 545-9767 x1 sales@egauge.net



Documents / Resources



[eGauge Systems ECSxx-yyy Energy Metering System](#) [pdf] User Manual
ECSxx-yyy Energy Metering System, ECSxx-yyy, Energy Metering System, Metering System

References

- [🌐 Hier entsteht eine neue Webpräsenz / A new website is being developed](#)
- [💧 AC Split-Core CTs with... | eGauge Support Library](#)
- [💧 Energy Metering Systems | eGauge](#)

Manuals+.