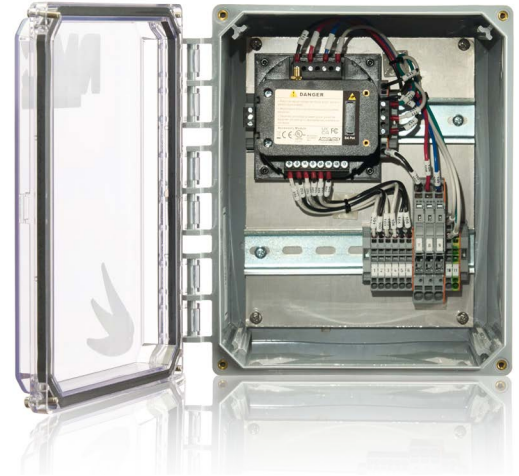# Revenue Meter Cabinet

The Ageto Revenue Meter Cabinet (RMC) is a revenue-grade power meter with accompanying current transformers that are ready to install at any point in your microgrid where power measurement is required. It provides high-resolution, 3-phase voltage, current, power readings, and real-time energy metering.

The RMC integrates seamlessly with the Ageto Renewable Controller (ARC), allowing for precise system metering for loads or energy sources. This integration includes quality terminal blocks and fusing, reduces installation time, and provides a one-stop solution for wiring, commissioning, and troubleshooting support.
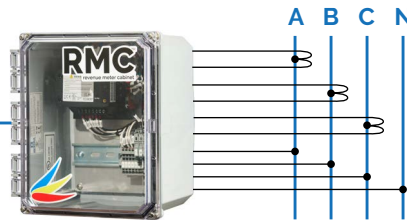
Features

- 3-Phase energy metering
- Voltage readings up to 600 VAC L-L
- CT inputs: 333mV or Rogowski coil (compatible CTs provided with purchase)
- High resolution accuracy
- UL508A listed
- SGIP approved meter

Ageto Renewable Controller   **Revenue Meter Cabinet**

RMC

Cabinet Data	
External Dimensions (height x width x depth)	268 mm x 217 mm x 169 mm (10.54" x 8.54" x 6.66")
Mounting Dimensions (height x width)	222 mm x 175 mm (8.75" x 6.88")
Mounting Style	Wall-mount
Certifications	UL 508A
NEMA Rating	NEMA 4
Weight	2.3 kg (5 lb)

Power Supply	
Voltage	100-346 VAC L-N
Frequency	50/60 Hz
Current Requirement	1 A
Wire Gauge	16 AWG

Climate Limit	
Operating Temperature Range	-25 to +70°C (-13 to +158°F)
Humidity	5 - 95% RH (non-condensing)
Altitude Limit	2000 m (6,561 ft)

CT Input Options	
Rogowski Coil	50 meter maximum length (18-24 AWG wire)
333mV	10 meter maximum length (16-24 AWG wire)

Metering Accuracy	
Voltage	0.1%
Current	0.1%
Power	0.1%
Frequency	0.001%

Metering Resolution	
Voltage	0.1 V
Current	0.1 mA
Power	1 W
Frequency	0.001 Hz

Communication	
External Communication Interface	Modbus TCP