

Product Specification



Product	ESG Clamp Meter(5A~300A)
Device Model	SA-7580
Document Version	1.5.0
Power Consumption	1 W
Primary Current Range	5A~300A RMS(50/60Hz)
Voltage Detection Range	AC 110 - 240 V \pm 10%
Connectivity	Wireless : BLE/Thread
Size(H*W*D)	95.3 x 49.3 x 42mm
Jaw Size (Diameter)	24mm
Weight	206.2g

Operating Temp.	0°C~40°C
Storage Temp.	-10°C~65°C
Button	Pairing/Reset button*1
LED Light	G*1
Software setting	Fault Notification Instant alerts for voltage and current overload <hr/> Data Logging <ul style="list-style-type: none"> • Demand Measurement Active, Reactive, and Apparent Power • Current Measurement Individual and Average Current Demand <hr/> Temperature Monitoring & Data Logging
Regulation	NCC

Accessories

Standard Accessories	300A Current Transformer*2
Optional Accessories	NTC-PT100K, External temperature sensor

Technical Specification

Data Acquisition	OpenThread (802.15.4)
Power Measurement Speed	Sampling interval of 0.5 seconds
Update Rate	Adjustable to 1, 5, 10, or 15 minutes
	Actual Measurement Data <ul style="list-style-type: none">• Thread : 1min• Local Measurement : 0.5s
Voltage Accuracy	$\pm 1\%$
Current Accuracy	$\pm 1\%$
Demand Calculation Method	The 15-minute average power must not exceed the contracted capacity
Demand Calculation Interval	15min
Phase System	Two Wire Single Phase 1P2W
	Three Wire Single Phase 1P3W

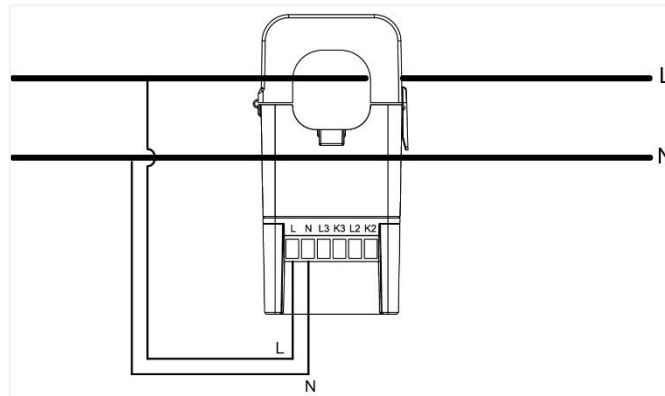
Electrical Interface



Power Input	L	Line
Power Input	N	Neutral
External Current Transformer	L3	Current Transformer-2
	K3	
	L2	Current Transformer-1
	K2	
External temperature sensor	NTC	Temperature

Wiring Diagram

Two Wire Single Phase | 1P2W



Three Wire Single Phase | 1P3W

