

Model	SUN-SMART-CT01
Electrical parameters	
Connection Type	L1/N(Single phase)，L1/L2/L3/N(Three phase)
CT	Secondary current: 50mA
Operation Voltage	85~300Va.c.(L-N)
Rated Frequency/Range	50Hz(45Hz-55Hz)/60Hz(55Hz-65Hz)
Self Consumption Power	≤2W
AC voltage withstand	4KV/1min
Accuracy	
Voltage	±0.1V
Current	±0.01A
Frequency	±0.01Hz
Power	±1W
Communication and Display	
Communication Interface	Lora/RS485
Lora Communication Distance	≈200m(Barrier free)
Display	LCD
Display Data	Voltage、Current、Active power、Reactive power、 Frequency、Power Factor、Energy
General Data	
Operation Temperature	-40 to +60°C
Operation Humidity	0-75%
Ingress Protection(IP) Rating	IP20
Altitude	≤4000
Mounting	DIN-Rail Mounting
Size	53x96x64mm
Weight	0.15kg
Warranty	5 Years
Certification standards	IEC/EN 61010-1

Model	SUN-SMART-TX01
Electrical Parameters	
Input Voltage	DC 5V
Communication	
Communication Model	LoRa
Communication Distance	≈200m(Barrier free)
Basic Parameters	
Operating Temperature Range	-40 to +60°C
Permissible Ambient Humidity	0-100%
Ingress Protection(IP) Rating	IP20(After installation IP65)
Allowable Altitude	≤4000
Product size (WxHxD)	137.8x31.3x31.3mm
Weight	45.8g
Warranty	2 Years
Standard	IEC/EN 62368-1
LoRa Parameters	
Frequency Range	863MHz-870MHz
Antenna	Built-in
Antenna Gain	0.56dBi