

Wireless CT

SUN-SMART-CTU2-L

SUN-SMART-CTU2-WL



Multi-communication Compatibility

- Wired (RS485) & wireless (Wi-Fi&BT/LoRa) communication for flexible installation



Smart Monitoring

- Remote monitoring via Deye Cloud
- Real-time essential data visualization



Intelligent Energy Management

- Bidirectional metering
- Single CT per inverter system for synchronized zero-export control



Flexible Integration

- DIN-Rail mounting
- Single-phase & three-phase Compatibility

Model	SUN-SMART-CTU2-L	SUN-SMART-CTU2-WL
Electrical parameters		
Connection Type	L1/N (Single phase), L1/L2/L3/N (Three phase), L1/L2/N(Split phase)	
CT (Rated Secondary Output)	50mA/5A	
Operation Voltage	85~300V a.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/RS485/Wi-Fi&BT
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℃	
Operation Humidity	0-75%	
Ingress Protection(IP) Rating	IP20	
Altitude	≤3000	
Mounting	DIN-Rail Mounting	
Size	36x94x64mm	
Weight	0.12kg	
Warranty	5 Years	
Certification standards	RCM, IEC/EN 61010-1, CE,FCC	
Lora Data		
Frequency Range	920MHz-928MHz	
Antenna	Adhesive Mount Antenna / Suction Cup Antenna	
Antenna Gain	-0.13/1.60dBi	
WIFI Data		
Frequency Range	/	2412MHz-2462MHz
Antenna	/	Adhesive Mount Antenna / Suction Cup Antenna
Antenna Gain	/	2.59/2.39dBi