

Sigen Power Sensor

For SigenMicro only

- Perfectly matched for SigenMicro series
- Direct cloud connection, zero data loss
- 24/7 monitoring, real-time App access
- Standalone OTA, exportable logs for O&M
- Plug-and-play antenna for easy setup
- Built for extremes from -40 to +70°C



Sigen Power Sensor

Sigen Sensor	SP-CT100-WI	TP-CT100-WI	Units
Power Supply			
Grid connection type	1P2W	3P3W/3P4W	
AC input voltage range	100 ~ 277	100 ~ 277 (L-N) 173 ~ 480 (L-L)	Vac
Nominal AC frequency		50/60	Hz
Max. operating current		100	A
Measurement Accuracy			
Voltage accuracy		0.5%	
Current accuracy		0.5% (4-100A), 1% (1-4A), 3% (0.06-1A)	
Power accuracy		1%	
Frequency accuracy		0.2%	
Communication			
Interface		WLAN / RS485	
RF band		2.4	GHz
RS485 band rate		9600	bps
RS485 protocol		Modbus RTU	
General Data			
Dimensions (W / H / D)		19 / 90 / 66	mm
Weight		0.1	kg
Storage temperature range		-40 ~ 85	°C
Operating temperature range		-40 ~ 70	°C
Relative humidity range		0% ~ 95%	
Ingress protection rating		IP20	
Installation method		DIN Rail 35 mm	
Standard Compliance			
Standard	IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6		

1. This product is only available in specific regions. Please contact Sigenergy or local distributors for details.

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