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



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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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