

Sigen Power Sensor

- RS485 or WLAN for communication
- Plug-and-play antenna for easy installation
- -40°C to +65°C wide operation range
- Class 1 direct connection in power sensor
- Perfect for SigenMicro series



Sigen Power Sensor For SigenMicro only

Sigen Sensor ¹	SP-CT100-WI	TP-CT100-WI	Units
Power Supply			
Grid connection type	1P2W	3P3W/3P4W	
AC input voltage range	100 ~ 276	90 ~ 277 (L~N) 156 ~ 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% (4~120A), 1% (1~4A), 3% (0.06~1A)		
Power accuracy	1%		
Frequency accuracy	0.2%		
Communication			
Interface	RS485 / WLAN		
Baud rate	9600		bps
Protocol	Modbus RTU / Modbus TCP		
General Data			
Dimensions (W / H / D)	19 / 94.5 / 68.5		mm
Weight	0.07		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. For more models refer to the Sigenenergy website.