

# Sigen Power Sensor



- 1% high-accuracy power detection for precise control
- LCD real-time info display, easy to operate and check
- Integrate smoothly with Sigenergy devices, no need for setup
- Support export/import limitations and ready for AI evolving
- 100 ms data refresh rate, instantaneous data feed

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Sigen Sensor <sup>1</sup>	TP-CT120-DH	TP-CT300-DH	TP-CT600-DH	TPX-DH	Units
Power Supply					
Grid connection type	3P3W/3P4W				
AC input voltage range	173 ~ 480Vac				
Nominal AC frequency	50 / 60Hz				
Measurement Accuracy					
Voltage accuracy	0.5%				
Current accuracy	0.5%				
Power accuracy	1%				
Frequency accuracy	0.2%				
Communication					
Interface	RS485				
Baud rate	9600bps				
Protocol	Modbus RTU				
General Data					
Dimensions (W / H / D)	72 / 94.5 / 65mm				
Weight	0.20	0.20	0.23	0.23	kg
Storage temperature range	-40 ~ 70°C				
Operating temperature range	-25 ~ 60°C				
Relative humidity range	0% ~ 90%				
Ingress protection rating	IP20				
Installation method	DIN Rail 35 mm				
CT Accessory					
Number of CT	3	3	3	-	pcs
Cable length of CT	1	1	1	-	m
Inner diameter of CT	16	24	36	-	mm
Weight of CT	0.09	0.2	0.4	-	kg
Max. operating current of CT	120	300	600	-	A
Standard Compliance					
Standard	EN 61010-1:2010, EN 61010-2-030:2010				

1. For more models refer to the Sigenergy website.

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