

Sigen Power Sensor



- 1% high-accuracy power detection for precise control
- LCD real-time info display, easy to operate and check
- Integrates smoothly with Sigenenergy 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 ¹	TP-CT120-DH	TP-CT300-DH	TP-CT600-DH	Units
Power Supply				
Grid connection type	3P3W/3P4W			
AC input voltage range	173 ~ 480			Vac
Nominal AC frequency	50 / 60			Hz
Measurement Accuracy				
Voltage accuracy	0.5%			
Current accuracy	0.5%			
Power accuracy	1%			
Frequency accuracy	0.2%			
Communication				
Interface	RS485			
Baud rate	9600			bps
Protocol	Modbus RTU			
General Data				
Dimensions (W / H / D)	72 / 94.5 / 65			mm
Weight	0.20	0.20	0.23	kg
Storage temperature range	-40 ~ 85			°C
Operating temperature range	-30 ~ 60			°C
Relative humidity range	0% ~ 90%			
Ingress protection rating	IP51			
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 Sigenenergy website.