

## Sigen Power Sensor



- 1% high-accuracy power detection for precise control
- LCD real-time info display, easy to operate and check
- Integrates 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

## Sigen Power Sensor

Sigen Sensor <sup>1</sup>	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	А	
Standard Compliance					
Standard	E	EN 61010-1:2010, EN 61010-2-030:2010			

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<sup>1.</sup> For more models refer to the Sigenergy website.