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

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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 Sigenergy website.

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