

Sigen Power Sensor

Sigen Sensor ¹	TPX-DH ²	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	0.23	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	
Standard Compliance		
Standard	EN 61010-1:2010, EN 61010-2-030:2010	

1. For more models refer to the Sigenenergy website.

2. Sigen Sensor TPX-DH does not included CT, which needs to be purchased separately with the following requirements: Primary rated current $I_n/A \geq$ Measuring current, secondary rated current I_o/A is 5A or 1A, accuracy ≥ 0.5 , and the default CT ratio of the power sensor is 200, need to be reset according to the CT ratio.

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