

# Sigen Power Sensor

Sigen Sensor <sup>1</sup>	SP-DH	SP-CT120-DH	TP-DH	TP-CT120-DH	TP-CT300-DH	TP-CT600-DH	Units	
<b>Power Supply</b>								
Grid connection type	1P2W		3P3W/3P4W					
AC input voltage range	176 ~ 276		173 ~ 480					Vac
Nominal AC frequency	50 / 60							Hz
Max. operating current	100	-	100	-	-	-	A	
<b>Measurement Accuracy</b>								
Voltage accuracy	0.5%							
Current accuracy	0.5%							
Power accuracy	1%							
Frequency accuracy	0.2%							
<b>Communication</b>								
Interface	RS485							
Baud rate	9600							bps
Protocol	Modbus RTU							
<b>General Data</b>								
Dimensions (W / H / D)	36 / 100 / 63	18 / 118 / 64	72 / 100 / 66	72 / 94.5 / 65			mm	
Weight	0.20	0.07	0.32	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							
<b>CT Accessory</b>								
Number of CT	-	1	-	3	3	3	pcs	
Cable length of CT	-	1	-	1	1	1	m	
Inner diameter of CT	-	16	-	16	24	36	mm	
Weight of CT	-	0.09	-	0.09	0.2	0.4	kg	
Max. operating current of CT	-	120	-	120	300	600	A	
<b>Standard Compliance</b>								
Standard	EN 61010-1:2010, EN 61010-2-030:2010							

1. For more models refer to the Sigenergy website.