

Sigen Power Sensor

Sigen Sensor ¹	SP-CT100	TP-CT100	TP-CT300	TP-CT600	Units	
Power Supply						
Grid connection type	1P2W	3P3W/3P4W				
AC input voltage range	100 ~ 276	90 ~ 277 (L-N), 156 ~ 480 (L-L)				Vac
Nominal AC frequency	50 / 60				Hz	
Measurement Accuracy						
Voltage accuracy	0.5%					
Current accuracy	0.5% (4 ~ 100A)	0.5% (4 ~ 100A)	0.5% (12 ~ 300A)	0.5% (24 ~ 600A)		
Power accuracy	1%					
Frequency accuracy	0.2%					
Communication						
Interface	RS485					
Baud rate	9,600				bps	
Protocol	Modbus RTU					
General Data						
Dimensions (W / H / D)	19 / 94.5 / 68.5				mm	
Weight	0.07	0.08	0.08	0.08	kg	
Storage temperature range	-40 ~ 70				°C	
Operating temperature range	-25 ~ 65				°C	
Relative humidity range	0% ~ 95%					
Ingress protection rating	IP20					
Installation method	DIN Rail 35 mm					
CT Accessory						
Number of CT	1	3	3	3	pcs	
Cable length of CT	1				m	
Inner diameter of CT	24	24	24	34	mm	
Weight of CT	0.09	0.27	1.06	1.09	kg	
Max. operating current of CT	100	100	300	600	A	
Standard Compliance						
Standard	EN 61010-1:2010, EN 61010-2-030:2010					

1. For more models refer to the Sigenenergy website.