

Haier

Power Sensor



- 1% high-accuracy power detection for precise control
- LCD real-time info display, easy to operate and check
- Integrates smoothly with Smart Cube devices, no need for setup
- Support export/import limitations and ready for AI evolving
- 100 ms data refresh rate, instantaneous data feed

Power Sensor

Sensor	SP-CT120-DH	TP-CT120-DH	TP-CT300-DH	TP-CT600-DH	Units
Power Supply					
Grid connection type	1P2W		3P3W / 3P4W		
AC input voltage range	176 - 276		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)	18 / 118 / 64		72 / 94.5 / 65		mm
Weight	0.07	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	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
Standard Compliance					
Standard	EN 61010-1:2010, EN 61010-2-030:2010				

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