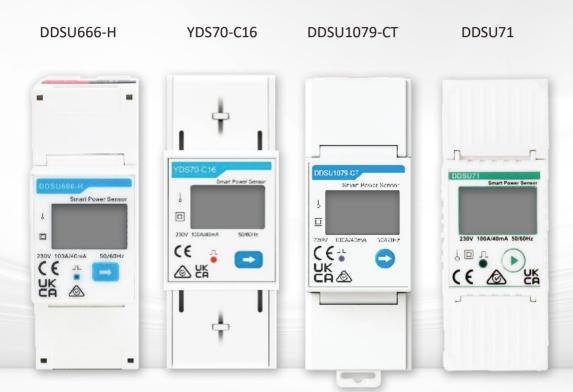
SMART POWER SENSOR

Model: SmartPS-100A-S0





Accurate
Class I Measurement
Accuracy



Simple & Easy
LCD Display, Easy to Set
and Check



Energy Efficient Overall Power Consumption ≤ 1.5 W

SmartPS-100A-S0

Technical Specifications

	SmartPS-100A-S0				
Technical Specification	DDSU666-H	YDS70-C16	DDSU1079-CT	DDSU71	
General Specification					
Dimensions (H x W x D)	100mm x 36mm x 65.5mm	101mm x 36mm x 66mm	99mm × 36mm × 66 mm	99mm × 36mm × 66 mm	
Mounting type	DIN35 Rail				
Weight (including cables)	0.2kg	0.133kg	0.15kg	0.196kg	
Power Supply					
Power grid type	1P2W				
Input voltage (phase voltage)	230V				
Power consumption	<1.5W				
Measurement Range					
Line voltage	/				
Phase voltage	176VAC-288VAC				
Current	0.5–100A				
Measurement Accuracy					
Current/Voltage	±0.5%				
Power/Energy	±1%				
Frequency	±0.01 Hz				
Communication					
Interface	RS485				
Baud rate	4800/9600(Default)/19200/115200				
Communication protocol	Modbus-RTU				
Environment					
Operating temperature range	−25°C to +60°C	−35°C to +70°C	−25°C to +60°C	−25°C to +60°C	
Storage temperature range	−35°C to +70°C	-40°C to +85°C	−35°C to +70°C	-40°C to +85°C	
Operating humidity	5% RH–95% RH (non-condensing)				
	Others				
Accessories	RS485 Cable (10 m / 33 ft.)				
	1 CT 100 A/40 mA				

Disclaimer: The preceding values are measured by an internal laboratory of Huawei in a specific environment. The actual values may vary with products, software versions, usage conditions, and environmental factors.