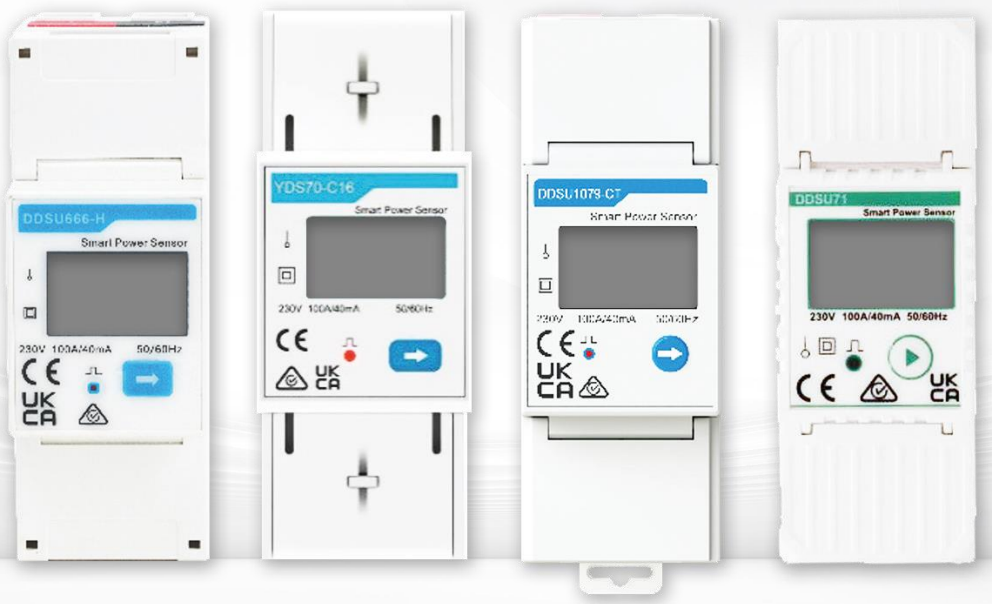
SMART POWER SENSOR

Model: SmartPS-100A-S0

DDSU666-H YDS70-C16 DDSU1079-CT DDSU71



Accurate
Class I Measurement Accuracy

Simple & Easy
LCD Display, Easy to Set and Check

Energy Efficient Overall Power Consumption ≤ 1.5 W

Version No.: 01-202411

SmartPS-100A-S0

Technical Specifications

Technical Specification	SmartPS-100A-S0			
	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.