

SMART POWER SENSOR

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 \leq
1.5 W

Smart Power Sensor

Technical Specifications

Technical Specification	SmartPS-100A-S0			
	DDSU666-H	YDS70-C16	DDSU1079-CT	DDSU71
General Specification				
Dimensions (H x W x D)	100 mm x 36 mm x 65.5 mm	101mm x 36mm x 66mm	99mm x 36mm x 66 mm	99mm x 36mm x 66 mm
Mounting type	DIN35 Rail			
Weight	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	0.5~100A	0.5~100A	0~100A
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.

SMART POWER SENSOR

SmartPS-250A-T0



DTSU666-H
250A/50mA



YDS60-C24



DHSU1079-CT



DTSU71



Accurate
Class I Measurement
Accuracy



Simple & Easy
LCD Display, Easy to Set
and Check



Energy Efficient Overall
Power Consumption \leq
1.5 W

Smart Power Sensor

Technical Specifications

Technical Specification	SmartPS-250A-T0			
	DTSU666-H 250A/50mA	YDS60-C24	DTSU71	DHSU1079-CT
General Specification				
Dimensions (H x W x D)	100 mm x 36 mm x 65.5 mm	101mm x 36mm x 66mm	99mm x 36mm x 66 mm	99mm x 36mm x 66 mm
Mounting type	DIN35 Rail			
Weight	0.3kg	0.285kg	0.248kg	0.26kg
Power Supply				
Power grid type	3P3W/3P4W			
Input voltage (phase voltage)	230 V AC/400 V AC			
Power consumption	<1.5W			
Measurement Range				
Line voltage	90Vac~500Vac			
Phase voltage	176VAC~288VAC			
Current	0.5 ~250A	0.5 ~250A	0 ~250A	0 ~250A
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			
Storage temperature range	-40°C to +85°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.)			
	3 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.