

SMART POWER SENSOR

Model: SmartPS-100A-S0

DDSU666-H



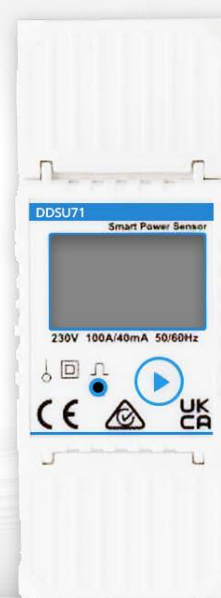
YDS70-C16



DDSU1079-CT



DDSU71



Accurate
Class I measurement
accuracy



Simple & Easy
LCD display, easy to set
and check



Energy Efficient
Overall power
consumption $\leq 1.5\text{ W}$

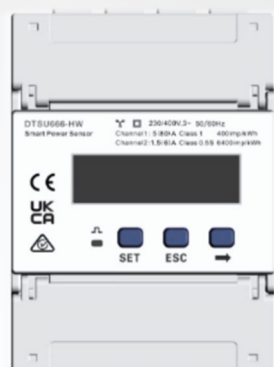
SmartPS-100A-S0 Technical Specifications

Technical Specification	SmartPS-100A-S0			
	DDSU666-H	YDS70-C16	DDSU1079-CT	DDSU71
Manufacturer	CHINT	YADA	WISDOM	LINYANG
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 (5 m / 16.4 ft.)			

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-80AI-T0



DTSU666-HW



YDS60-80



DTSU71C



DHSU1079-ZT



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Overall Power
Consumption ≤ 1.5 W

Smart Power Sensor

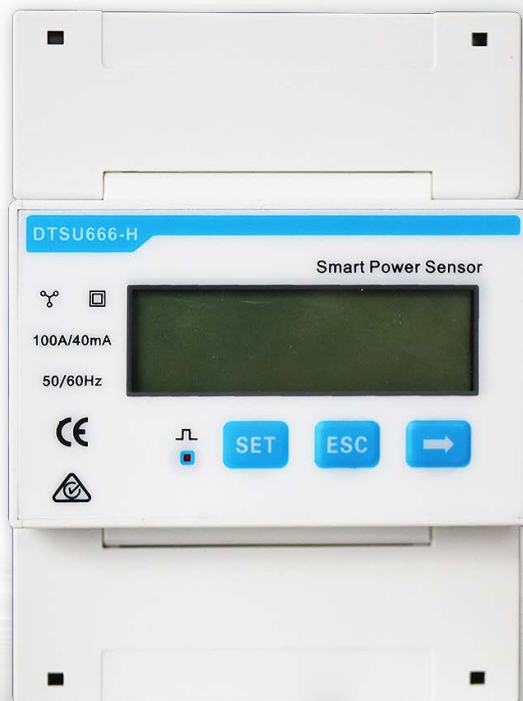
Technical Specifications

Technical Specification	SmartPS-80AI-T0			
	DTSU666-HW	YDS60-80	DTSU71C	DHSU1079-ZT
Manufacturer	CHINT	YADA	LINYANG	WISDOM
General Specification				
Dimensions (H x W x D)	101mm x72mm x80mm	100mm x 72mm x 80mm	101mm×72mm×80mm	100mmx72mmx80mm
Mounting type	DIN35 Rail			
Weight	0.29kg	0.285kg	0.247kg	0.40kg
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	90V~1000V			
Phase voltage	176VAC~288VAC			
Current	0 ~80A			
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	-25°C to +60°C	-25°C to +60°C	-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.)			

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Smart Power Sensor Technical Specifications

Technical Specification	DTSU666-H
Manufacturer	CHINT
General Specification	
Dimensions (H x W x D)	100 mm x 72 mm x 65.5 mm (3.9 in. x 2.8 in. x 2.6 in.)
Mounting type	DIN35 Rail
Weight (including cables)	1.5 kg (3.3 lb)
Power Supply	
Power grid type	3P3W/3P4W
Input voltage (phase voltage)	176 V AC–288 V AC
Power consumption	≤ 1 W
Measurement Range	
Line voltage	304 V AC–499 V AC
Phase voltage	176 V AC–288 V AC
Current	0–100 A
Measurement Accuracy	
Current/Voltage	±0.5%
Power/Energy	±1%
Frequency	±0.01 Hz
Communication	
Interface	RS485
Baud rate	9,600 bps
Communication protocol	Modbus-RTU
Environment	
Operating temperature range	–25°C to +60°C
Storage temperature range	–40°C to +70°C
Operating humidity	5% RH–95% RH (non-condensing)
Others	
Accessories	RS485 Cable (10 m / 33 ft.)
	3 CT 100 A / 40 mA (5 m / 16.4 ft.) 

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