

# Smart Power Sensor



## 🎯 Accurate

- Measurement accuracy: class 1

## 📄 Simple & Easy

- Standard din-rail mounting of DIN 35 mm
- Small volume, 1P2W 36 mm, 3P4W 72 mm
- LCD display, convenient for users to set and check
- Coupling connection for installation
- CT and RS485 cables included in accessories

## 🌱 Energy-efficient

- Overall power consumption  $\leq 1$  W

Technical Specification	DDSU666-H	DTSU666-H
<b>General Specification</b>		
Dimension (W * H * D)	36 * 100 * 65.5 mm (1.4 * 3.9 * 2.6 inch)	72 * 100 * 65.5 mm (2.8 * 3.9 * 2.6 inch)
Mounting type	DIN35 Rail	
Weight (including cables)	1.2 kg (2.6 lb)	1.5 kg (3.3 lb)
<b>Power Supply</b>		
Power grid type	1P2W	3P4W
Input power (phase voltage)	176 Vac ~ 288 Vac	
Power consumption	$\leq 0.8$ W	$\leq 1$ W
<b>Measurement Range</b>		
Line voltage	/	304 Vac ~ 499 Vac
Phase voltage	176 Vac ~ 288 Vac	
Current	0 ~ 100 A	
<b>Measurement Accuracy</b>		
Voltage	$\pm 0.5\%$	
Current / Power / Energy	$\pm 1\%$	
Frequency	$\pm 0.01$ Hz	
<b>Communication</b>		
Interface	RS485	
Baud rate	9600 bps	
Communication protocol	Modbus-RTU	
<b>Environment</b>		
Operating temperature range	-25 °C ~ 60 °C	
Storage temperature range	-40 °C ~ 70 °C	
Operating humidity range	5 %RH ~ 95 %RH (non-condensing)	
<b>Others</b>		
Accessories	RS485 Cable (10 m / 33 ft.)	
	1 CT 100 A / 40 mA (6 m / 19 ft.)	3 CT 100 A / 40 mA (6 m / 19 ft.)

