

Smart Power Sensor



Accurate

Class 1 measurement accuracy



Simple & Easy

LCD display, easy to set and check



Energy Efficient

Overall power consumption ≤ 1.5 W

Technical Specification	DDSU666-H	DTSU666-H
General Data		
Dimension (W × H × D)	36 x 100 x 65.5 mm	72 x 100 x 65.5 mm
Mounting type	DIN35 Rail	
Weight (including cables)	1.2 kg	1.5 kg
Height requirement of cabinet	≥ 52 mm	≥ 52 mm
Power Supply		
Power grid type	1P2W	3P4W/3P3W
Input voltage (line voltage)	176 ~ 288 Vac	176 ~ 288 Vac
Power consumption	≤ 0.8 W	≤ 1 W
Measurement Range		
Line voltage	/	304 Vac ~ 499 Vac
Phase voltage	176 ~ 288 Vac	176 ~ 288 Vac
Current	0 ~ 100 A	0 ~ 100 A
Measurement Accuracy		
Voltage / Current	± 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 ~ 60 °C	
Storage temperature range	-40 °C ~ 70 °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)	3 CT 100A / 40mA (5 m)

*1 2nd voltage of CT should be 100V. And accuracy should be better than Class 0.5
 *2 2nd current of PT should be 1A or 5A. And accuracy should be better than Class 0.5