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	DTSU666-HW/YDS60-80
	General Data
Dimension (H x W x D)	100 x 72 x 80 mm (3.9 x 2.8 x 3.1 inch)
Mounting type	DIN35 Rail
Weight (including cables)	< 0.5 kg
	Power Supply
Power grid type	3P4W/3P3W
Input voltage (line voltage)	90 ~ 500 Vac
Power consumption	≤ 1.5 W
	Measurement Range
Line voltage	90 Vac ~ 1000 Vac (> 500 with external PT [1])
Phase voltage	52~577 Vac
Current	0 ~ 80 A(>80 with external CTs [2])
	Measurement Accuracy
Voltage / Current	±0.5 %
Power / Energy	±1 %
Frequency	±0.01 Hz
	Communication
Interface	RS485
Baud rate	4800/9600/19200/115200 (Default 9600bps)
Communication protocol	Modbus-RTU
	Environment
Operating temperature range	-25 ℃ ~ 60 ℃
Storage temperature range	-40 ℃ ~ 70 ℃
Operating humidity	5 %RH ~ 95 %RH (non-condensing)
	Others
Accessories	RS485 Cable (10 m / 33 ft.)

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