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
General Data	
Dimension (H x W x D)	85 x 72 x 100 mm (3.3 x 2.8 x 3.9 inch)
Mounting type	DIN35 Rail
Weight (including cables)	≤0.5kg
Power Supply	
Power grid type	3P4W/3P3W
Input voltage (phase voltage)	75 Vac ~ 300 Vac
Power consumption	≤ 1.5 W
Measurement Range	
Line voltage	90 Vac ~ 1000 Vac（>500 with PT）
Phase voltage	52~577
Current	0 ~ 80 A(>80 with CT [1])
Measurement Accuracy	
Voltage	±0.5 %
Current / 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 ℃ ~ 85 ℃
Operating humidity	5 %RH ~ 95 %RH (non-condensing)

*1 2nd current of CT can not be more than 5A

Preliminary