

# Smart Power Sensor



## Accurate

Class 1 measurement accuracy



## Simple & Easy

LCD display, easy to set and check



## Energy Efficient

Overall power consumption  $\leq 1.5$  W

Technical Specification	DTSU666-HW/YDS60-80
<b>General Data</b>	
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
<b>Power Supply</b>	
Power grid type	3P4W/3P3W
Input voltage (line voltage)	90 ~ 500 Vac
Power consumption	$\leq 1.5$ W
<b>Measurement Range</b>	
Line voltage	90 Vac ~ 1000 Vac (> 500 with external PT <sup>1</sup> )
Phase voltage	52~577 Vac
Current	0 ~ 80 A(>80 with external CT <sup>2</sup> )
<b>Measurement Accuracy</b>	
Voltage / Current	$\pm 0.5$ %
Power / Energy	$\pm 1$ %
Frequency	$\pm 0.01$ Hz
<b>Communication</b>	
Interface	RS485
Baud rate	4800/9600/19200/115200 (Default 9600bps)
Communication protocol	Modbus-RTU
<b>Environment</b>	
Operating temperature range	-25 °C ~ 60 °C
Storage temperature range	-40 °C ~ 70 °C
Operating humidity	5 %RH ~ 95 %RH (non-condensing)
<b>Others</b>	
Accessories	RS485 Cable (10 m / 33 ft.)

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