

## Energy Meter preconfigured for SunPower Reserve installations



### Accuracy

Measurement accuracy of  $\pm 1\%$  (MID grade/ class 1) across the operating temperature range

### Installation

Standard din-rail mounting of DIN 35mm

Small volume, 72mm, 3-phase 4 wire

LCD display

Visual color identification for simple wiring

### Power consumption

Overall  $\leq 1W$

## Technical Specification DTSU666

<b>General Specification</b>	
Dimension (W x D x H)	72 x 100 x 65.5mm
Weight (including CTs and cables)	1.5kg
Mounted type	DN35 Rail
<b>Power Supply</b>	
Power Grid Type	3P4W
Input Power	176 VAC ~ 288 VAC (phase voltage)
Power Consumption	$\leq 1W$
<b>Measurement Range</b>	
Line Voltage	304 VAC ~ 499 VAC
Phase Voltage	176 VAC ~ 288 VAC
Current	0 ~ 100A
<b>Measurement Accuracy</b>	
Voltage	$\pm 0.5\%$
Current	$\pm 1\%$
Frequency	$\pm 0.01Hz$
Power	$\pm 1\%$
Energy	$\pm 1\%$
<b>Communication</b>	
Interface	RS485
Baud Rate	1200/2400/4800/9600 bps
Communication Protocol	Modbus-RTU
<b>Environment</b>	
Operating Temperature	-25°C ~ 60°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	5% ~ 95% (non-condensing)
<b>Current Transformer (CT)</b>	
Type	Split Core
Current (Primary/Secondary)	100A / 40mA
Maximum cable diameter	15mm
Cable Length	6m
Number of CTs supplied with meter	6