

# ENERGY METER

DDSU666 5(80)A  
 DTSU666 5(80)A  
 DDSU666-CT 200A/5A  
 DTSU666-CT 200A/5A



## Features

### Accurate

- Class 1 measurement accuracy

### Convenience

- Optional 35mm DIN rail or front mounting

### Safe & Reliable

- Fuse-free design for superior safety
- International authoritative certification, more reliable
- Natural cooling fully sealed design for better reliability

### Energy Saving

- Overall power consumption  $\leq 1$  W

### Smart Energy

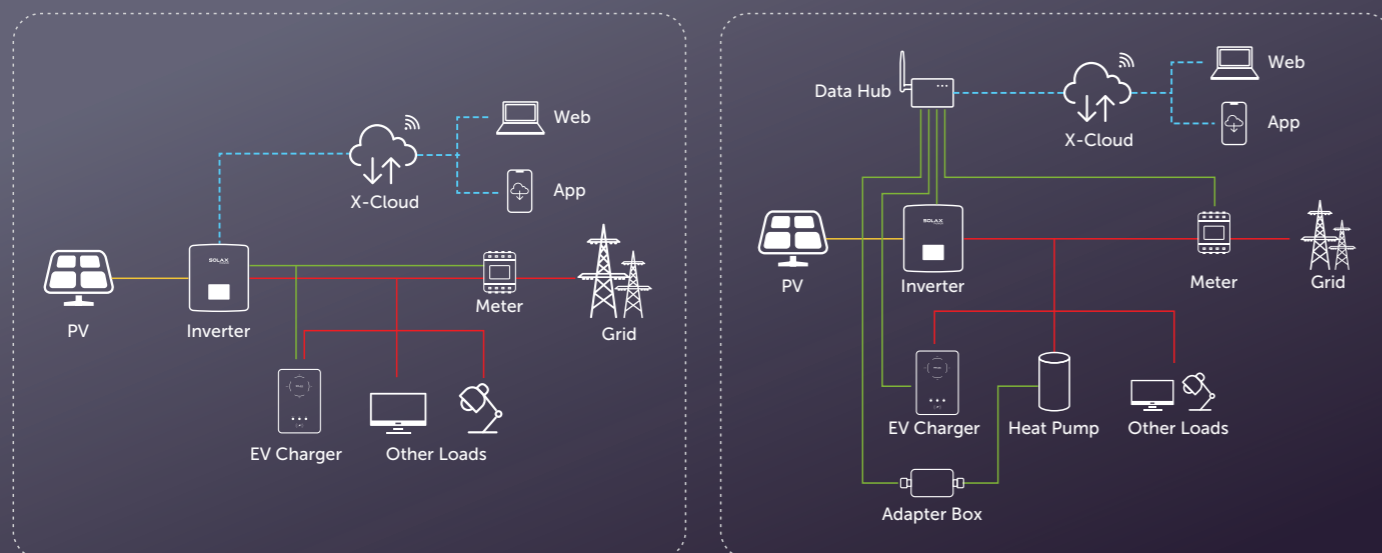
- Use clean, efficient renewable energy without pollution.
- Green and low carbon, saving economy, sustainable development

### Smart Monitoring

- One terminal can control multiple devices, and perform parameter monitoring and fault query

## SOLUTION DESIGN

DC — AC — RS485 — Internet



DDSU666  
5(80)A



DTSU666  
5(80)A



DDSU666-CT  
200A/5A



DTSU666-CT  
200A/5A

### General Data

Dimension (H x W x D)	100 x 36 x 65.5 mm (3.9 x 1.4 x 2.6 inch)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 inch)	100 x 36 x 65.5 mm (3.9 x 1.4 x 2.6 inch)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 inch)
Mounting type	DIN35 Rail			
Weight (including cables)	1.2 kg (2.6 lb)	1.5 kg (3.3 lb)	1.2 kg (2.6 lb)	1.5 kg (3.3 lb)
<b>Power Supply</b>				
Power grid type	1P2W	3P4W/3P3W	1P2W	3P4W/3P3W
Input voltage (phase voltage)	184Vac ~ 264.5Vac	154 Vac ~ 286 Vac	184Vac ~ 264.5Vac	154 Vac ~ 286 Vac
Power consumption	$\leq 1$ W	$\leq 1.5$ W	$\leq 1$ W	$\leq 1.5$ W
<b>Measurement Range</b>				
Line voltage	/	290.5 Vac ~ 539.5 Vac	/	290.5 Vac ~ 539.5 Vac
Phase voltage	184Vac ~ 264.5Vac	168 Vac ~ 312 Vac	184Vac ~ 264.5Vac	168 Vac ~ 312 Vac
Current	0.25-5(80)A	0.25-5(80)A	0.015-1.5(6)A (CT: 200A)	0.015-1.5(6)A (CT: 200A)
<b>Measurement Accuracy</b>				
Accuracy Class	Class B	Class B	Class C	Class C
<b>Communication</b>				
Interface	RS485			
Baud rate	9,600 bps			
Communication protocol	Modbus-RTU			
<b>Environment</b>				
Operating temperature range	-25°C ~ +55°C	-10°C ~ +45°C	-25°C ~ +55°C	-10°C ~ +45°C
Storage temperature range	-25°C ~ +55°C	-25°C ~ +75°C	-25°C ~ +55°C	-25°C ~ +75°C
Operating humidity	< 75 % non condensing			
<b>Others</b>				
Accessories	/	RS485 Cable (10 m / 33 ft.), RJ45 connector	1 CT 200A/5A (1m)	3 CT 200A/5A (1m)

## CT OPTIONAL

Model	LCTA97C2	LCTA97C4	ESCT-B812
Ratio	200A/5A	600A/5A	1500A/5A

\*V1.2. Information may be subject to modify without notice.650.00033.00



## ADAPTER BOX

Max. output voltage[V]	277
Max. output current[A]	5
Rated input voltage[V]	12
Degree of protection	IP65
Operating ambient temperature range [°C]	-25~60