



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

Energy Saving

- Overall power consumption ≤ 1 W

Safe & Reliable

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

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

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DDSU666
5(80)A



DTSU666
5(80)A



DDSU666-CT
200A/5A



DTSU666-CT
200A/5A

General Data

Dimension (H xW xD)	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)
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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)

Power Supply

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

≤1 W

≤1.5 W

≤1 W

≤1.5 W

Measurement Range

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)

Measurement Accuracy

Accuracy Class

Class B

Class B

Class C

Class C

Communication

Interface

RS485

Baud rate

9,600 bps

Communication protocol

Modbus-RTU

Environment

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

Others

Accessories

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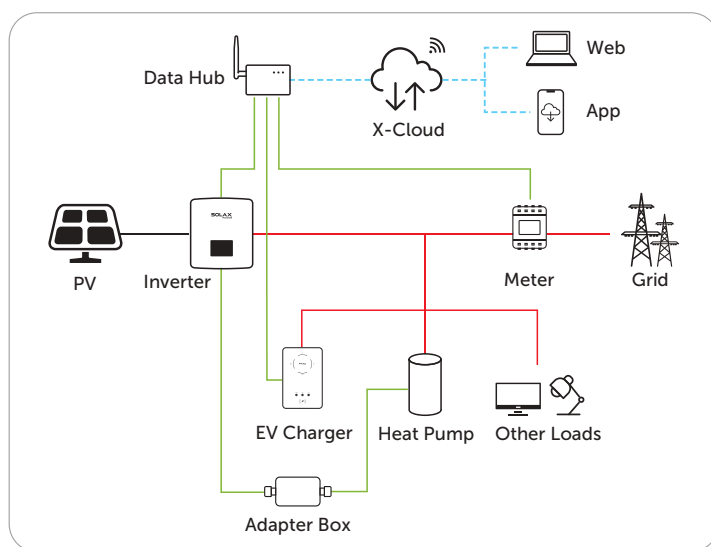
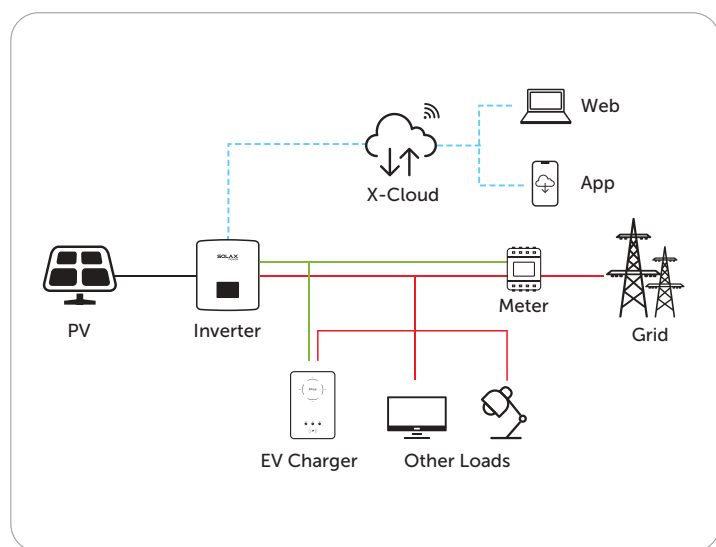
RS485 Cable (10 m / 33 ft.), RJ45 connector

1 CT 200A/5A (1m)

3 CT 200A/5A (1m)

Solutions

DC — AC — RS485 — Internet



CT Optional

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