



Single-phase Smart Meter Datasheet

DDSU666 (CT-100 A)

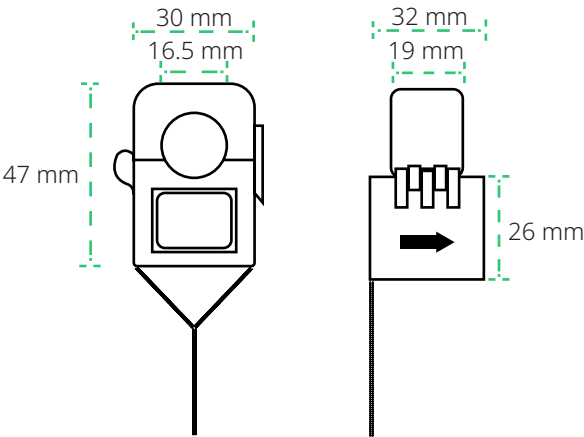
Single-phase smart meter with the external current transformer can be used to measure the PV power production, load consumption, or export power.

Technical Specifications

Model	DDSU666 (CT-100 A)
Power Supply	
Grid type	1P2W
Input voltage (phase voltage)	154 Vac - 286 Vac
Power consumption	≤1.5 W
Measuring Range	
Phase voltage	154 Vac - 286 Vac
Current	0 - 100 A
Measuring Accuracy	
0.01 I _n ≤I<0.05 I _n ⁽¹⁾	±1.5%
0.05 I _n ≤I≤I _n ⁽¹⁾	±1.0%
Communication	
Interface	RS485
Communication protocol	Modbus-RTU
Mechanical Data	
Wiring type	Via-CT
Ambient temperature range	-25°C - 70°C
Dimensions (W × H × D)	36 × 100 × 65 mm
Mounting type	DIN35 Rail
CT Data	
Thread	Single turn
Install	Buckle
Ambient temperature range	-25°C - 70°C
Dimensions (W × H × D)	30 × 47 × 32 mm
Cable length	6 m

(1) Secondary rated current of the current transformer.

Unit: mm



CT-100 A/40 mA