

DDSY23S

Single-phase Two-wire Prepayment Energy Meter

➤ Brief Introduction

DDSY23S Single-phase Two-wire Prepayment Energy Meter is an energy metering instrument. Switchable between prepaid and postpaid modes. Its design philosophy focused on being humanized, modular and global-oriented. It also features high measuring accuracy, flexible settlement, multi tariffs and advanced anti-tamper design. DDSY23S is widely used in residential and commercial field.

➤ Functions

- ◆ Measure cumulative forward/reverse active and reactive energy and store data of the latest 12 months.
- ◆ Measure electrical parameters such as Wh, W, Power factor, frequency.
- ◆ Advanced tamper detection and logging in events.
- ◆ With built-in relay support local connection / disconnection.
- ◆ Multi-level security and AES 128 bit encryption.



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Specification

Model	DDSY23S	
Standards	IEC62053-21 SANS 1524-1	
Rated voltage	230V	
Current	Basic current	10A
	Maximum current	60A
	Starting current	0.4%I _b
Accuracy class	Active: 1	
Power Consumption	Voltage circuit	≤2 W, ≤10VA
	Current circuit	≤4VA
Frequency	50Hz	
Impulse constant	1000imp/kWh	
Communications	Local communication: optical port	
Communication protocol	DLMS/COSEM	
Display	LCD: 8 Digits	
Ingress protection	IP54	
Operating temperature	-40°C~+70°C	

Dimensions (mm)

