

S12U16/S34U18 series smart meter



S12U16/S34U18 meter series is a solution for industrial, commercial and residential customers. It has strong functionality, and provides interoperability and external communication technology. The solution can act as a gateway for collecting data from gas, heat and water meters. It has various user interface, anti-tampering function, high secure encryption technology, etc. Flexible and modular design can meet today's rapidly changing markets

Key Features

Electronics

- ◆ Active, reactive and apparent energy measurement
- ◆ Accuracy up to Cl.1/Cl.B (MID) [active energy] and Cl.2 [reactive energy]
- ◆ Wide range measurement from starting current to maximum current
- ◆ Up to 8 tariffs
- ◆ Button for display control, Button with sealing for manual billing.
- ◆ Optical & RS485 & Mbus & P1 interface
- ◆ Utility meter read (read consumption from gas, water and heat meters)

Functions

- ◆ Load profile/billing/event record
- ◆ DLMS, IDIS
- ◆ FW upgrade for meter and module
- ◆ High secure communication suite 0/1
- ◆ Interchangeable modules
- ◆ Anti-Tampering for strong magnetic/ abnormal wiring/cover removed, etc.

Housing

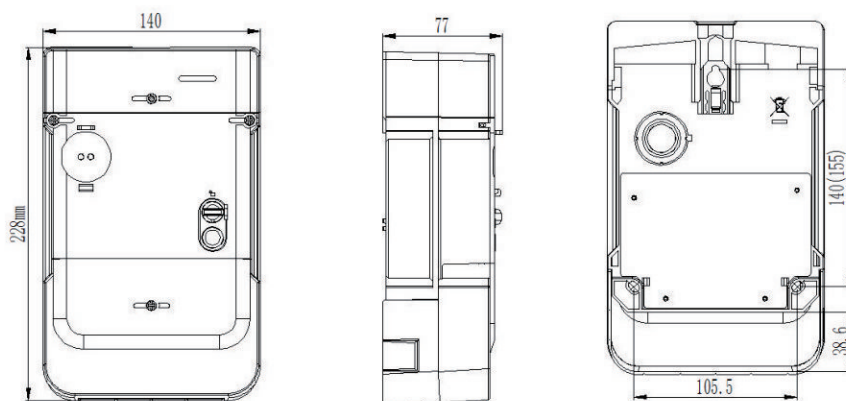
- ◆ Installation standard according to DIN 43857
- ◆ Polycarbonate with glass fibre, flame retardant and heat-proof
- ◆ IP54

Technical Specifications

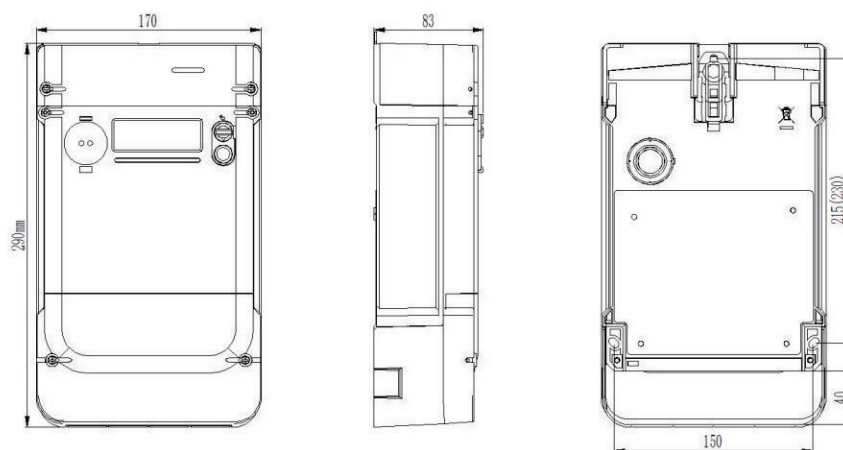
Model		S12U16	S34U18	S34U18 CT	S34U18 CTVT
Accuracy	Active	Cl.1/Cl.B	Cl.1/Cl.B	Cl.0.5	Cl.0.5
	Reactive	Cl.2	Cl.2	Cl.1	Cl.1
Voltage	Rated	220V	3×220V/380V	3×220V/380V	3×57.7V 3×120V
		230V	3×230V/400V	3×230V/400V	3×220V
		240V	3×240V/415V	3×240V/415V	3×230V 3×240V
	Range		0.6Un-1.15Un	0.6Un-1.15Un	0.6Un-1.15Un
Frequency		50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Current	Range	5 (60) A	5 (60) A	1.5 (6) A	1.5 (6) A
		5 (80) A	5 (80) A	5 (10) A	5 (10) A
		5 (100) A	5 (100) A		
Display		8 digits	8 digits	8 digits	8 digits
Remote communication type		4G/3G/2G/PLC/RF	4G/3G/2G/PLC/RF	4G/3G/2G	4G/3G/2G

Dimensions

S12U16
Single phase smart meter



S34U18(DC/CT/CTVT)
Three phase smart meter



NINGBO SANXING SMART ELECTRIC CO.,LTD.

Tel: +86-574-88072218

Fax: +86-574-88220583

E-mail: info@overseas.sanxing.com

Add: No.16,Fenglin Road ,China ,315031