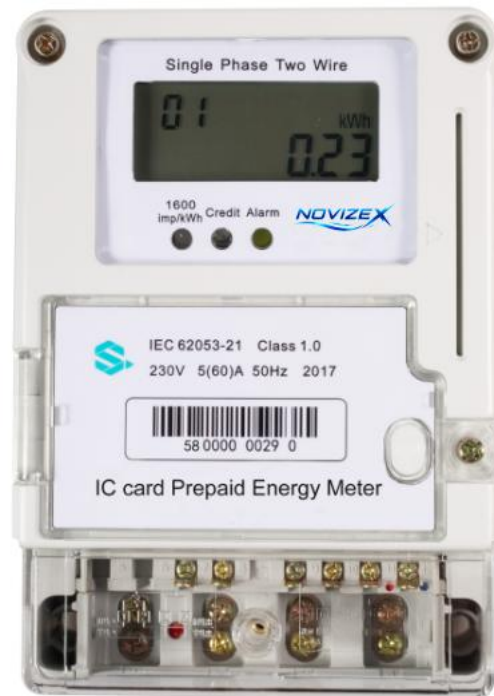


NOE18-C IC Card Prepaid Single Phase Electricity Meter

	Ingress protection IP54 waterproof
	Up to 8 years battery life
	Remote connection/disconnection
	STS Standard
	Real-time clock
	Utilities can set TOU price into meter on request
	Anti-Tamper Magnetic field protection
	LORA-RF communication (optional)
	Pay by mobile payment M-PESA, Alipay, MTN, Airtel, etc.



NOE18-C is an STS Standard compliant, IC Card type, automatically connection or disconnection prepaid electricity meter. It can be top up with Novizexpay vending software directly and communicate with AMI system via LORA-RF or PLC module.

Compliance with Standard

- * ISO 9001 ; ISO 14001
- * STS Certificated

Application:

Counting the electricity consumption of users over a period of time.

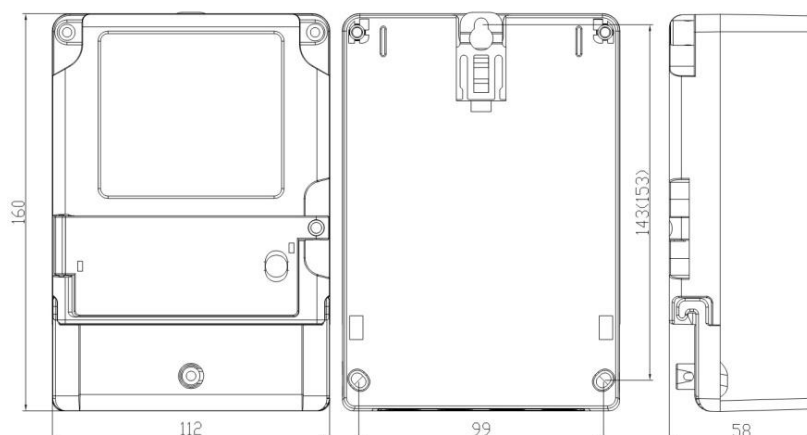
Electrical Parameters

Nominal Voltage	220V/230V/240V
Working Voltage Range	70%~120%Un
Nominal Frequency	50-60Hz
Basic Current (Ib)	5A
Maximum Current (Imax)	80A
Starting Current (Ist)	20mA
Active Energy Constant	1000imp/kWh
Measurement Accuracy	Class 1.0
Power Consumption in Voltage Circuit	<2W <8VA
Power Consumption in Current Circuit	<1VA
Operation Temperature Range	-25°C-70°C
Storage Temperature Range	-40°C-85°C

Electric Magnetic Compatibility

AC Insulation Strength		4kV at 50Hz during 1min
Impulse voltage 1.2/50 us mains connections		8kV
Electrostatic Discharges	Contact discharge	8kV
	Air discharge	16kV
Electromagnetic RF Field	27MHz-500MHz	10V/m
	100KHz-1GHz	30V/m
Fast transient burst test		4kV
Protection		Class II

Meter Dimension



Functions

...

The integrated IC Card Reader of single phase electricity meter is offered to insert recharge Card and check information by short codes.

Novizexpay vending software could be integrated to local Mobile Money Payment Platform via API, like M-PESA, Alipay, MTN, Airtel, etc.

Basic Functions

- * Meter Recharge By IC Card
- * Active energy measurement
- * MD(maximum demand measurement
- * Auto scroll mode display
- * Build-in relay control
- * Event log

Communication:

The meter is available with AMI system through LORA-RF or PLC module on request.

TOU Tariff:

Meters can be set Step Tariff by inputting corresponding TOKEN. Utilities can set step price on request.

Anti-Tamper Functions:

Meter will automatically close the valve after detection of magnetic field and open cover event.

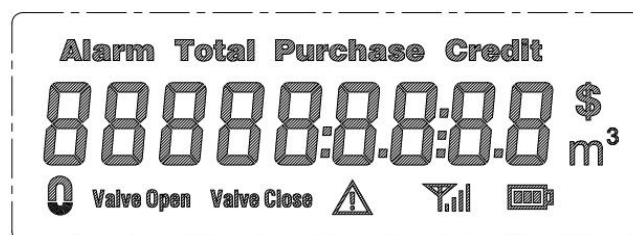
Overdraft Collection:

Electricity Overdraft can be collected day by day or month by month.

Information Inquiry:

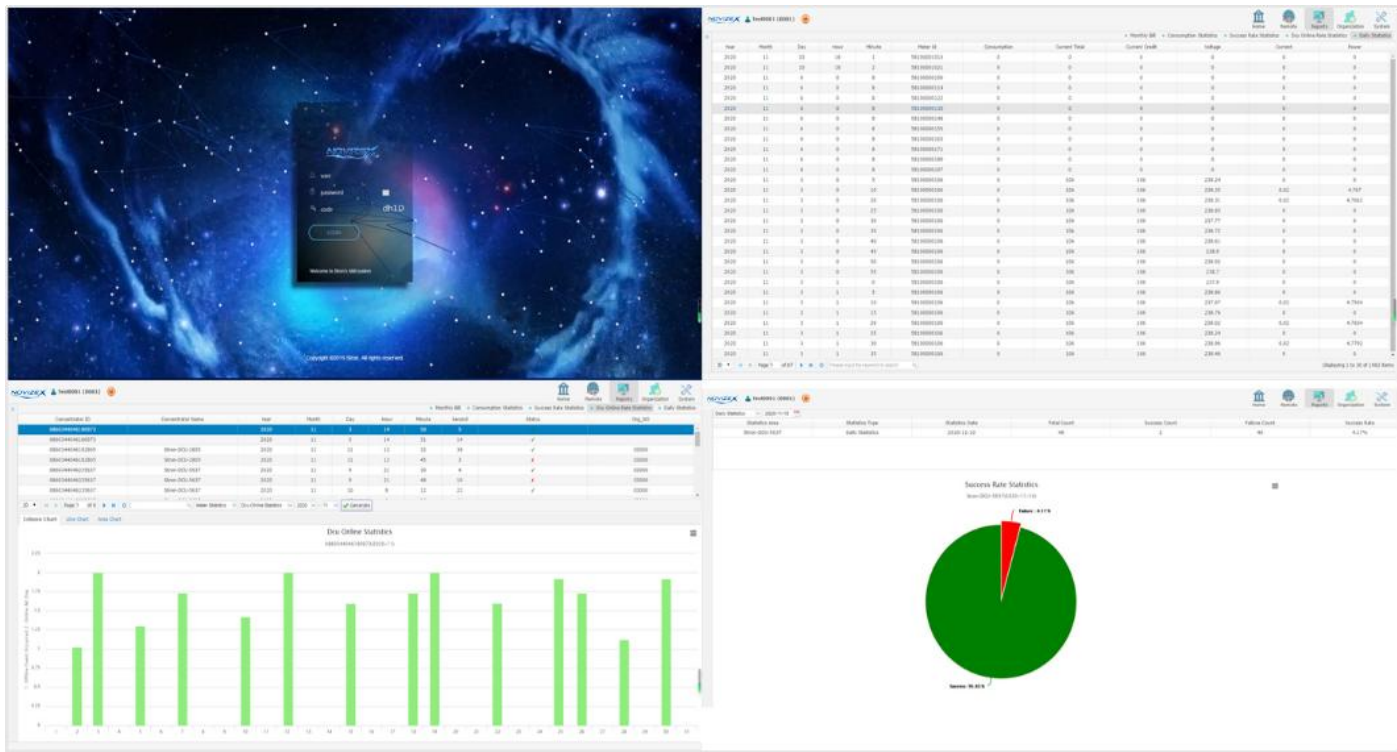
Consumer could check the data like Credit Remain, Total Purchased and Total Credit by display button.

Liquid Crystal Display:



AMI System Introduction

⇒ Recharge remotely via DCU and LORA-RF or PLC module



How to recharge by AMI System?

