

NOE16 Single Phase Static Electricity Meter

Novizex Point

IP54

Ingress protection IP54 waterproof



Up to 8 years battery life



Real-time clock

TOU

Utilities can set TOU price into meter on request



Anti-Tamper
Magnetic field protection



LORA-RF communication (optional)



The NOE16 is an IEC Standard compliant, Static electricity meter. This type of meter can measurement forward active and reactive energy. and with TOU function 4 tariffs with COSEM/DLMS protocol.

Technical Parameters

Electrical Parameters		
Nominal Voltage		230V
Working Voltage Range		70%~120%Un
Nominal Frequency		50-60Hz
Basic Current (Ib)		5A
Maximum Current (Imax)		60A
Starting Current (Ist)		20mA
Active Energy Constant		1000imp/kWh
Active Energy Accuracy		Class 1.0
Power Consumption in Voltage Circuit		<2W <8VA
Power Consumption in Current Circuit		<1VA
Operation Temperature Range		-25℃-70℃
Storage Temperature Range		-40℃-85℃
Electro 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
Mechanical requirements		
Meter shell Water proof protection Rate		IP54
Protection		Class II

Basic Functionality

Function	Details
Energy Measurement	Total and time-sharing forward active & reactive energy measurement Total and time-sharing reverse active & reactive energy measurement Save last one to sixteen months energy data
TOU Tarrif	4tariffs, Measures active energies in TOU or step tariffs with standard DLMS
RS-485 serial interface	For meter Reading and parameters setting Support IEC62056(DLMS/COSEM) protocol
LCD display	One the meter display screen, information continuously display the active energy, and can set cycle display some information according to customized requirement
Event recording	Meter can record the cut off event, open cover event, purchase event and TOKENS.
Self-testing	Meter has a self-test function, it can test LCD and relay etc. and report the results directly
Communication	The meter is available with AMI system through LORA RF on request