

Prepaid Water Meter with Digital Display

This meter is suitable for measuring the total quantity of water for residential usage. It also incorporates a prepayment function for efficient billing and management.

Technical Specification			
Normal Diameter	DN15	DN20	DN25
Supply Voltage	3.0v Lithium Battery		
Nominal Pressure	1.6Mpa		
Ambient Temp	+5°C to +45°C		
Ambient Humidity	0% to 99% RH		
Service Life	more than eight years		
Nominal Flow Q3	2.5m ³ /h	4.0m ³ /h	6.3m ³ /h
Overload Flow Q4	3.125m ³ /h	5.0m ³ /h	7.875m ³ /h
Flow Quantity Divided Q2	0.050m ³ /h	0.080m ³ /h	0.126m ³ /h
Minimum Flow Quantity Q1	0.031m ³ /h	0.050m ³ /h	0.079m ³ /h
Indication Error	Q1-Q2 ± 5%; Q2-Q3-Q4 ± 2%		
Implementation Standards	CJ/T 133-2007&JJG 162-2009		
Accuracy Class	2.0		
Interface Thread	G3/4B	G1B	G1 1/4B
Outline Size(W*H)(mm)	85*105	85*108	85*110

ADDITIONAL IMAGES



Product Overview

Smart Prepaid Water Management

This advanced 3/4" smart prepaid water meter utilizes secure RF carrier card technology to provide efficient, long-term consumption management. Designed with an ultra-low-power microprocessor and independent battery architecture, it guarantees a service life exceeding eight years. The unit features a protective, waterproof cover, an intuitive digital display, and robust anti-tampering technology, making it an ideal solution for modern residential and commercial water billing systems.

Technical Performance

Key Performance Metrics

8 Years

Service Life

1.6 Mpa

Nominal Pressure

2 Class

Accuracy Class

Flow Specifications

Metric	DN15	DN20	DN25
Nominal Flow (Q3)	2.5 m ³ /h	4.0 m ³ /h	6.3 m ³ /h
Overload Flow (Q4)	3.125 m ³ /h	5.0 m ³ /h	7.875 m ³ /h
Min Flow (Q1)	0.031 m ³ /h	0.050 m ³ /h	0.079 m ³ /h

Operational Features

Advanced Capabilities

Waterproof Design, Anti-Electromagnetic Attack, Auto Valve Maintenance, Alarm Remaining Water, Multi-Card Support

Environmental Requirements

Operating Environment

- Ambient Temperature: +5°C to +45°C
- Ambient Humidity: 0% to 99% RH
- Power Supply: 3.0v Lithium Battery