



Fluid Control Instrument Series



Electromagnetic Water Meter

SEB610

Product Technical Specification | July 2026

Nanjing Jiuyuhui Environmental Technology Co., Ltd.
www.jiuyuhub.com

Product Overview

The SEB610 electromagnetic water meter is designed for the water supply industry, suitable for water extraction, distribution, DMA district metering, and bulk billing. Based on the Faraday electromagnetic induction principle, it offers $\pm 0.2\%$ / $\pm 0.5\%$ accuracy with sizes from DN10 to DN1200. The built-in lithium battery lasts 5 to 6 years, with an optional external battery extending up to 10 years. IP68 protection, GPRS/CDMA cloud platform upload, and remote meter reading support process analysis and data management.

- Electromagnetic Water Meter
- DN10-DN1200
- $\pm 0.2\%$
- IP68
- GPRS/CDMA

Key Features



Water Industry Dedicated

For water extraction, distribution, DMA, and bulk billing.



Long Battery Life

Built-in lithium battery 5-6 years; optional external battery up to 10 years.



Remote Cloud Platform

GPRS/CDMA wireless upload with cloud platform data management.



IP68 Protection

Fully sealed unit for long-term submerged operation.



Wide Range High Accuracy

$\pm 0.2\%$ / $\pm 0.5\%$, DN10 to DN1200.



Low Maintenance

No moving parts; long electrode life; low O&M cost.

Technical Specifications

Parameter	Specification
Model	SEB610
Principle	Faraday electromagnetic induction
Media	Conductive fluids
Accuracy	$\pm 0.2\%$ / $\pm 0.5\%$
Size Range	DN10 to DN1200
Medium Temperature	-25 to 130°C
Ambient Temperature	-25 to 60°C
Relative Humidity	5% to 90%
Electrode Material	316L
Flange Material	CS / SS
Liner Material	Rubber / Modified PP / PTFE
Head Material	Stainless steel
Power	Built-in lithium battery / 12V-24V external
Protection	IP68
Electrical Connection	M16x1.5
Output	Pulse

Communication	RS485 / GPRS / CDMA
Battery Life	5-6 years; optional external up to 10 years
Mounting	Flanged
Cloud Platform	Supports GPRS/CDMA upload to cloud platform
Maintenance	Battery replacement cycle; no moving parts

Typical Applications

- ▶ DMA district metering for water networks
- ▶ Bulk billing water meter
- ▶ Water extraction and distribution station metering
- ▶ Community inflow total meter monitoring
- ▶ Industrial water metering and leakage management

Ordering Guide

Product Code	Description
SEB610	Flanged sensor + built-in battery transmitter

Accessories/Consumables

Accessory	Specification	Note
Mating Flange	CS/SS	Standard
GPRS/CDMA Module	Built-in	Standard
External Battery Pack	Optional	Optional

Why Choose Jiuyuhub

 Application-First Matching Recommendations based on your operating conditions.	 Southeast Asia Adapted Optimized for tropical environments.
 One-Stop Supply Water quality + fluid control + flow measurement.	 24-Hour Response Fast response to inquiries.

This product is supplied and serviced locally by Jiuyuhub. Product images are for illustrative purposes only.