Solar Energy Flowmeter System
(Block Flow Monitoring)
WISOP

No civil engineering and excavation work is required.

No pipe cutting or welding for flowmeter installation is required.

Solar Energy Flow System is eco-friendly and low-carbon, so it can be used for municipal water monitoring system. The system has beautiful design and do not require much space for installation. Unlike old cabinet type flowmeter panel, this solar power panel makes streets beautiful and shop owners do not raise complaints.

WISOP

Inside of system

Installed Solar Power Block Flow System

Clamp-on Ultrasonic Flowmeter Sensor

System Description

Solar Power Flow Monitoring System only use solar energy for operation. The system has 80W solar panel, and 5 rechargeable batteries, and clamp-on ultrasonic flowmeter. Total power consumption of the system is only 5W per hour, so the system can operate 30 days without sun.

Wireless Communication(Option)

As it supports wireless communication, no expense for civil engineering and excavation work. Wireless communication system does not require a lightning arrester, therefore no lightning risk through the communication line.

Performance

- Only Solar Power Required
- Beautiful Design
- Wireless CDMA Modem Communication(Option)
- No Cutting pipe
- No AC Power Required
- No Cooling Fan (unique design for air cooling)
- Patented Design
- Patented AR Mode
- Operate 30 days without sun
- 1 Ultrasonic Flowmeter
- 5 Rechargeable Batteries
- 1 CDMA Modem
- 1 Charge Controller

Specification

Power	Solar 120W Panel, 15V
Communication	RS 232 / 485 (wireless communication)
Flowmeter	Clamp-on, Ultrasonic, Transit-Time
Panel Size	Height 3.0M, 300Ø, Stainless steel
Data Inputs	Two (Pressure or Level)
Accuracy	1.0% (single path)