

# Panda PWM-S Residential Series Residential Ultrasonic Water Meter DN15-DN25

## Features >>>



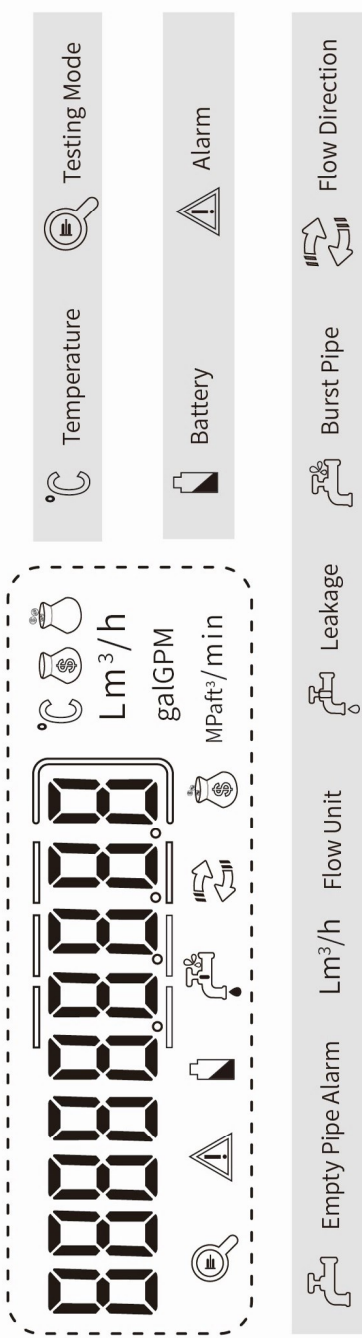
- Full Stainless Steel Body . Can Be Used For High-Quality Direct Drinking Water Metering
- Wide Range
- Measuring Low Starting Flow
- No Moving Parts, Accuracy Will Not Change After Long Term Working
- With Functions of Self-diagnosis, Flow Sensor Alarm, Temperature Sensor Alarm, Over Range Alarm and Battery Undervoltage Alarm
- Low Consumption Design, Battery Can Continuously Work For 6 Years
- With Optic Electric Interface, Hand-held Infrared Meter Reading Tool Can Read Directly
- Upload Time Can Be Set According To User Specified Time, Integrated Multiple Intelligent Alarm Functions For Abnormal Water Consumption, Open Protocol Is More Suitable For Compatible Extension
- Bi-directional Measuring Forward And Reverse Flow
- According To Sanitary Standard For Drinking Water

## Technical Specification >>>

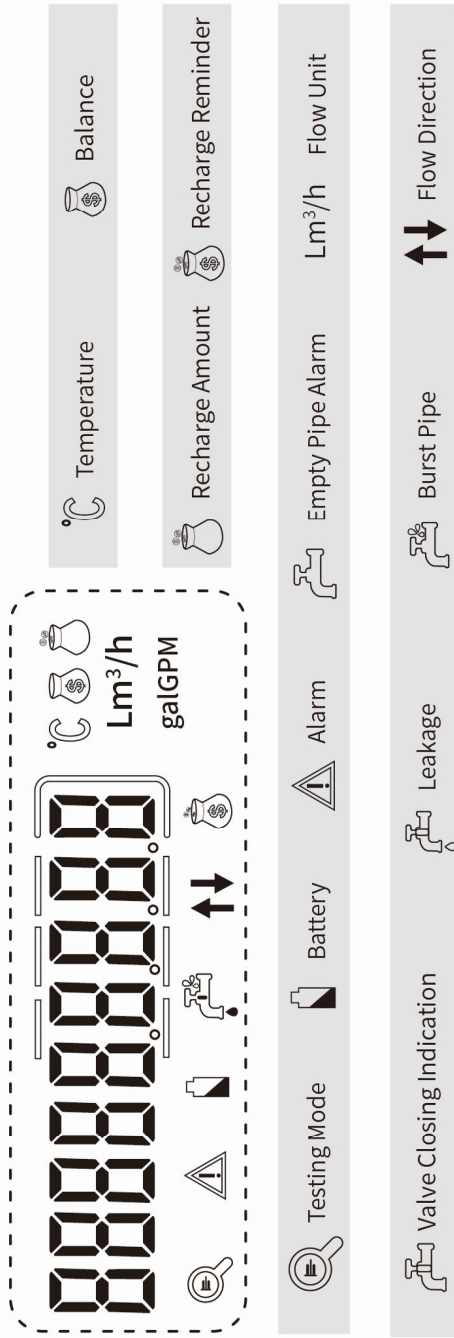
Max. Working Pressure	1.6Mpa
Temperature Class	T30
Accuracy Class	ISO 4064, Accuracy Class 2
Body Material	Stainless Steel 304 (opt. SS316L )
Battery Life	6 Years(Consumption≤0.3mW)
Protection Class	IP68
Environmental Temperature	-40°C~+70°C, ≤100%RH
Pressure Loss	ΔP25
Climatic And Mechanical Environment	Class O
Electromagnetic Class	E2
Communication	Wired M-bus, RS485, Wireless LoRaWAN
Display	9 digits multi-line LCD display. Can display cumulative flow (m <sup>3</sup> , L, GAL), instantaneous flow (m <sup>3</sup> /h, L/min, GPM), battery alarm, flow direction, output etc.
Connection	Thread
Flow Profile Sensitivity Class	U5/D3
Data Storage	Store the data, including day, month, and year for latest 24 months.The data can be permanently saved even powered off
Frequency	1-4 times/second

# Panda PWM-S Residential Series Residential Ultrasonic Water Meter DN15-DN25

## Residential Ultrasonic Water Meter Display >>>



## Residential Prepaid Ultrasonic Water Meter Display >>>



· Measuring Range and Dimensions (R250)

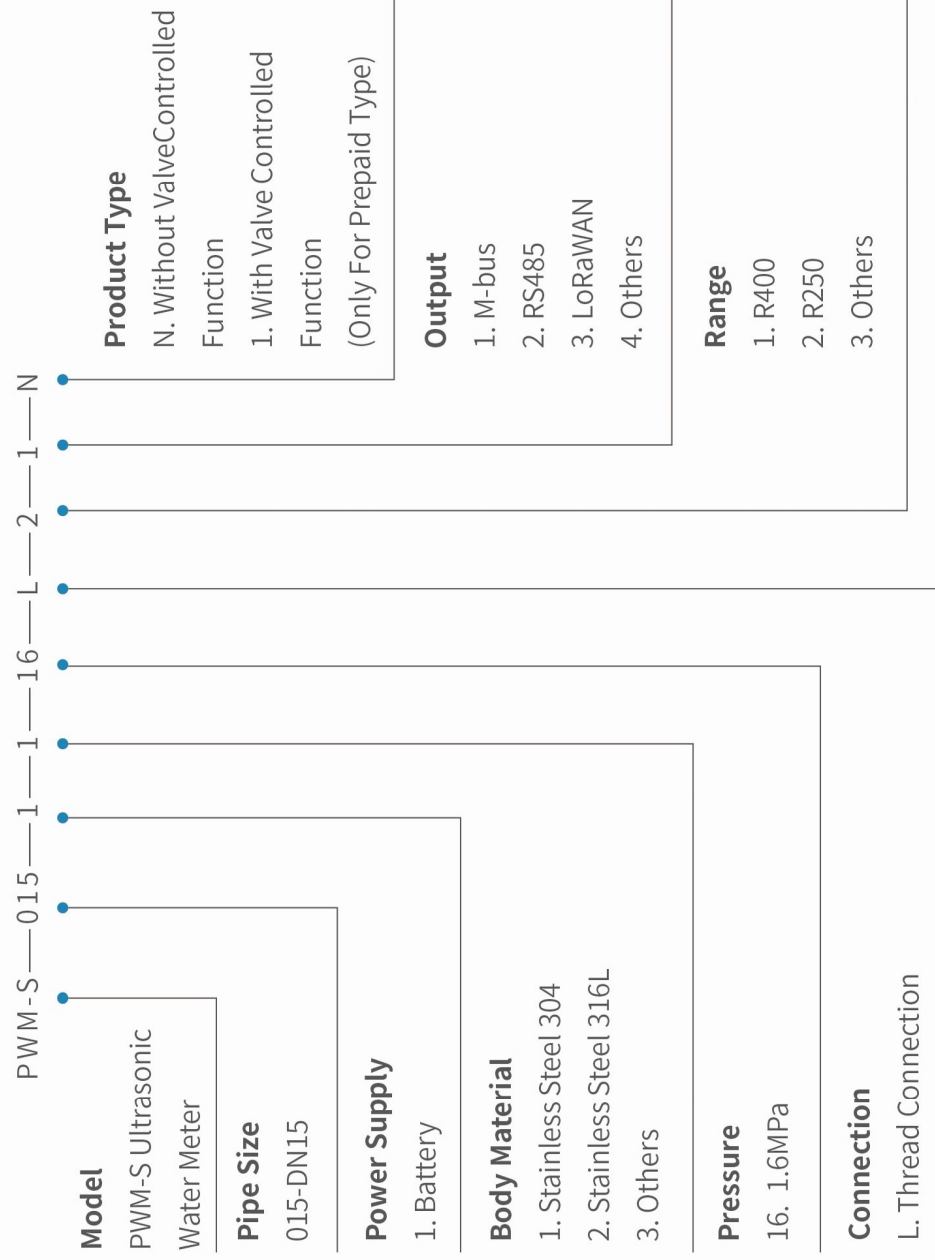
Model		PWM-S								
Nominal Diameter	Permanent Flow Q3	Transitional Flow Q2	Minimum Flow Q1	Installation without connection accessories (A)	Installation with connection accessories (B)	L	L1	H	Length of connection accessories (S)	W
15	2.5	0.016	0.010	G <sup>3</sup> /4B	R <sup>1</sup> / <sub>2</sub>	165	135	82	53.8	96
20	4.0	0.026	0.016	G1B	R <sup>3</sup> / <sub>4</sub>	195	157	90	60	100
25	6.3	0.040	0.025	G1 <sup>1</sup> / <sub>4</sub> B	R1	225	165	96	70	100

## Residential Ultrasonic Water Meter DN15-DN25

· Measuring Range and Dimensions (R400)

Model		PWM-S								
Nominal Diameter	Permanent Flow Q3 (m³/h)	Transitional Flow Q2 (m³/h)	Minimum Flow Q1 (m³/h)	Installation without connection accessories (A)	Installation with connection accessories (B)	L	L1	H	Length of connection accessories (S)	W
DN(mm)	(m³/h)	(m³/h)	(m³/h)			mm	mm	mm	mm	mm
15	2.5	0.010	0.006	G <sup>3</sup> /4B	R <sup>1</sup> / <sub>2</sub>	165	135	82	53.8	96
20	4.0	0.016	0.010	G1B	R <sup>3</sup> / <sub>4</sub>	195	157	90	60	100
25	6.3	0.025	0.016	G1 <sup>1</sup> / <sub>4</sub> B	R1	225	165	96	70	100

### Model Selection >>>



For Example: PWM-S-015-1-1-16-L-2-1-N

Stands for: PWM-S Ultrasonic Water Meter, pipe size DN15, battery power supply, stainless steel 304, pressure 1.6Mpa, thread connection, R250, M-BUS output, without valve controlled function.