

Model: ULTE-15-20

## Ultrasonic Heat Meter

### Feature:

- Size: DN15 to DN20mm, (1/2" – 3/4")
- Communication interface choice:
  - (1) M-BUS
  - (2) RS-485 (Modbus)
  - (3) Pulse output
  - (4) LoRa/LoRaWAN 868MHz, 915MHz, Customized Frequency Requirement
  - (5) Water Meter Impulse output, connects Heat Meter, M-BUS/RS-485 output
- Lithium battery life: 10 years
- Archive: 38 Month data historical
- Installation choice: Water supply pipeline / Water return pipeline, Horizontal or Vertical installation
- Measuring range (q s/q i =100:1)
- Temperature sensor: PT 1000
- Environment standard Class: A
- Temperature range is 4~95°C, min.temperature difference: 3°C
- Water pressure: ≤1.6Mpa



### Main Technical Data:

Model	Qn (m³/h)	Length (mm)	DN (mm)	Sensor length	Display	Communication interface	Class
ULTE-15-0.6	0.6	110	15	1.5m	Kwh, Gcal, GJ	1.M-BUS 2.RS-485 3.Pulse output 4.LoRa/ LoRaWAN 5.Water Meter Impulse output, connects Heat Meter, M-BUS/RS-485 output.	2
ULTE-15-1.5	1.5	110	15				
ULTE-20	2.5	130	20				

Normal DN	mm	15	15	20
Qn	m³/h	0.6	1.5	2.5
Qmax	m³/h	1.2	3	5
Qmin	m³/h	0.012	0.03	0.05
Body thread	----	G¾" B	G¾" B	G1" B
Connection thread	----	½"	½"	¾"
Height	mm	85	85	95
Length	mm	110	110	130
Pressure loss		≤0.02MPa		