

Split Type STS Prepaid Water Meter

The Split Type STS Prepaid AMI Water Meter Consists of two parts, a Prepaid Water Meter and a separate Customer Interface Unit (CIU) with RF Wireless Communication.



Technical Specifications SMART Prepaid Water Meter

Items	Unit	Parameters		
		DN15	DN20	DN25
Diameter	mm	15	20	25
Permanent Flow Rate Q ₃	m ³ /h	2.5	4.0	4.0
R (Q ₃ /Q ₁)		100/160		
Permissible Error	Q ₂ ≤ Q < Q ₄	2%		
	Q ₁ ≤ Q < Q ₂	5%		
Working Temperature	°C	0.1 - 30		
Max. Working Pressure	MPa	1.6		
Rated Working Voltage	V	3.6V		
Battery Lifespan	Year	≥ 6 years (Typical)		
Pulse Equivalent	m ³	0.1		
IP Level		IP68		
Communication Method		<ul style="list-style-type: none"> • LoRa RF Wireless Com. • Infrared Com. 		
LoRa RF Wireless Com. Frequency		<ul style="list-style-type: none"> • 470MHz (default) • 865-867MHz, 912-915MHz etc. optional 		
Communication Distance	M	<ul style="list-style-type: none"> • 100-200m by LoRa RF Wireless Com. • 5m by Infrared Com. 		