

# Mx516

## SMART STS WALL MOUNTED METERS.



## FEATURES

- Supports total four quadrant active energy, four quadrant reactive energy, positive and negative energy.
- Measurement of instantaneous voltage, current, powers (active, reactive, apparent, factor and frequency).
- Refresh time of power data is one second.
- Internal card backup operation when the power grid drops.
- Multiple anti-tamper detection package.
- Up to 8 rates TOU design.
- Maximum demand measurement function.
- Strong magnetic field detection function.

## KEY BENEFITS

- Compliant with the International standards of DLMS/COSEM Certified by the DLMS CTT test
- Supports switching to post payment mode.
- Supports local/remote online software upgrades.
- Switching power supply applicable to all kinds of standard voltage specifications.
- Highly secure through the support of the anti-tamper detections.
- Can operate with a Built-in Keypad of Split CIU.
- Swappable communication module.

		ME516	MT516
TECHNICAL SPECIFICATIONS			
<b>Voltage</b>		220-240V	
<b>Operating voltage range</b>		0.7 – 1.15 Un	
<b>Current</b>		10(100) A	
<b>Accuracy class</b>		Active Class 1	Active Class 1; Reactive Class 2
<b>Temperature range (EN 50470-1)</b>	Operation	-25 °C to +55 °C	
	Storage	-40 °C to 70 °C	
<b>Frequency range</b>		50 Hz ± 5%, 60 Hz ± 5%	
<b>Power consumption of voltage circuit</b>		<1.5 W, 4 VA	
<b>Power consumption of current circuit</b>		<1 VA	
<b>Starting current</b>	lb	0.4	
<b>Creeping condition</b>		no current, 115% Un	
<b>Impulse voltage</b>		6 kV	
<b>AC voltage</b>		4 kV	
<b>Electric rapid transient pulse group</b>		4 kV	
<b>Communications</b>	Uplink	Swappable G3-PLC, RE modules or GPRS module directly to the HES	
	MCU and CIU	PLC or RF Optical port according to IEC Optical port according to IEC 62056-21 (E mode) and RS485 Port	