



Smart Metering Product

XJ Metering CO., Ltd.

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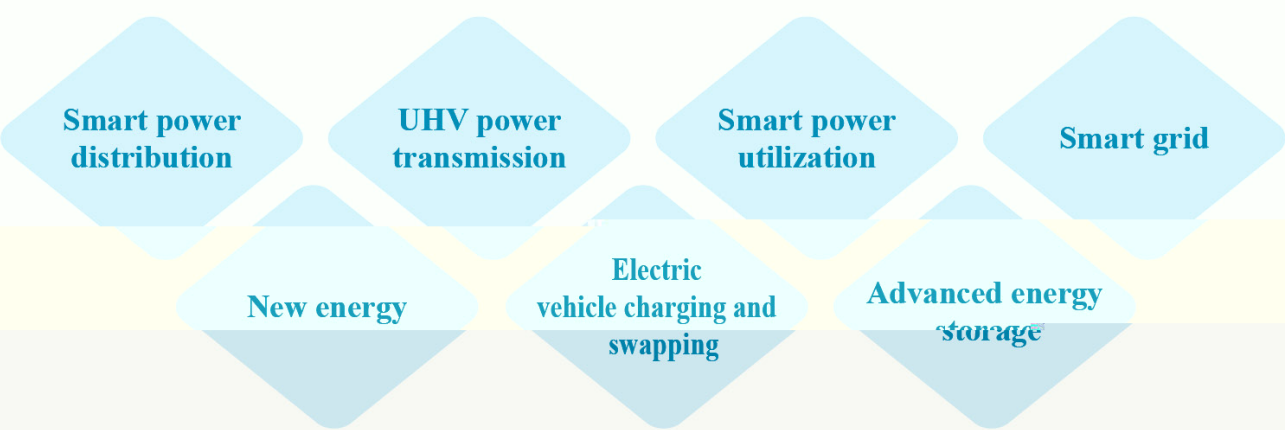
E-mail: xjybgjb@163.com / <http://www.xjgc.com>



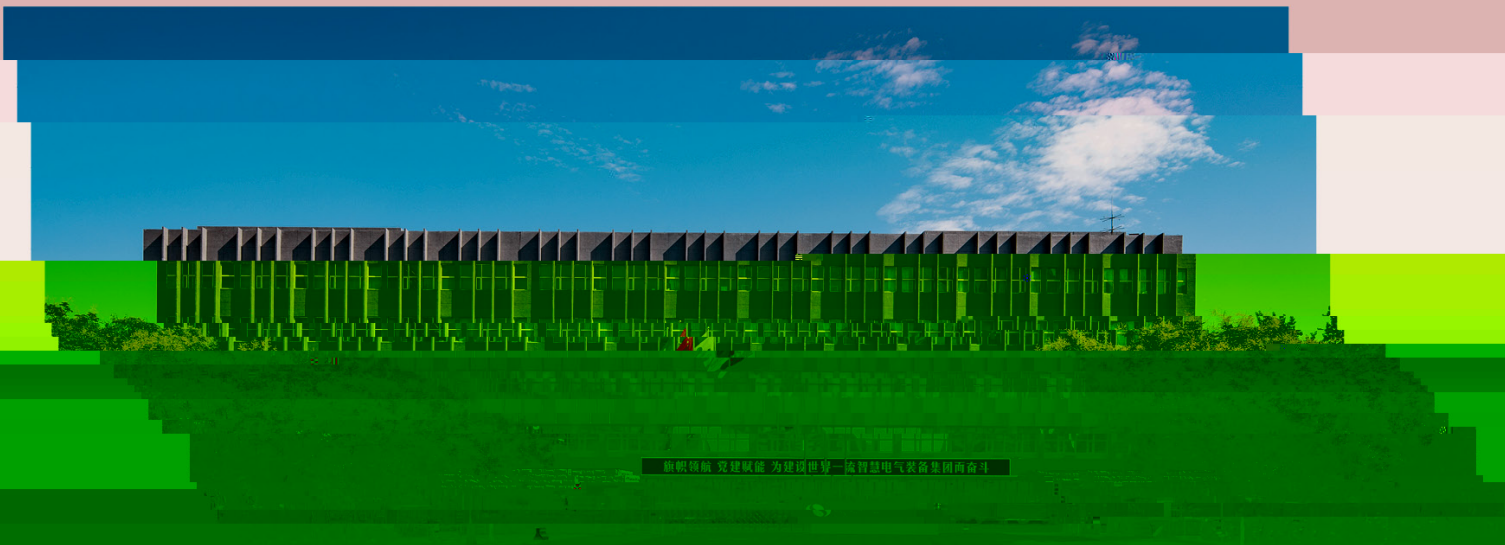


XJ Electric CO., LTD, subsidiary of China Electrical Equipment Group Co., Ltd, is a leading high-tech modern
industrial group in providing high-voltage power equipment for worldwide economic and social development.

Core Businesses



XJ Metering Co., Ltd, one of the subsidiaries of XJ Electric CO., LTD, is specializing in Standard Formulation, Intelligent Metering, Data Acquisition and Communication, Test and Inspection and Energy Management System. Equipped with advanced logistics and warehousing systems, the whole process of intelligent testing system and manufacturing information management system, XJ Metering can provide comprehensive and reliable solutions for the whole chain and life cycle of the metering system.



Enabling Smart Measuring
Creating Green Energy



DDS566



Highlights

Main function

-
- Display the first row of electricity
-

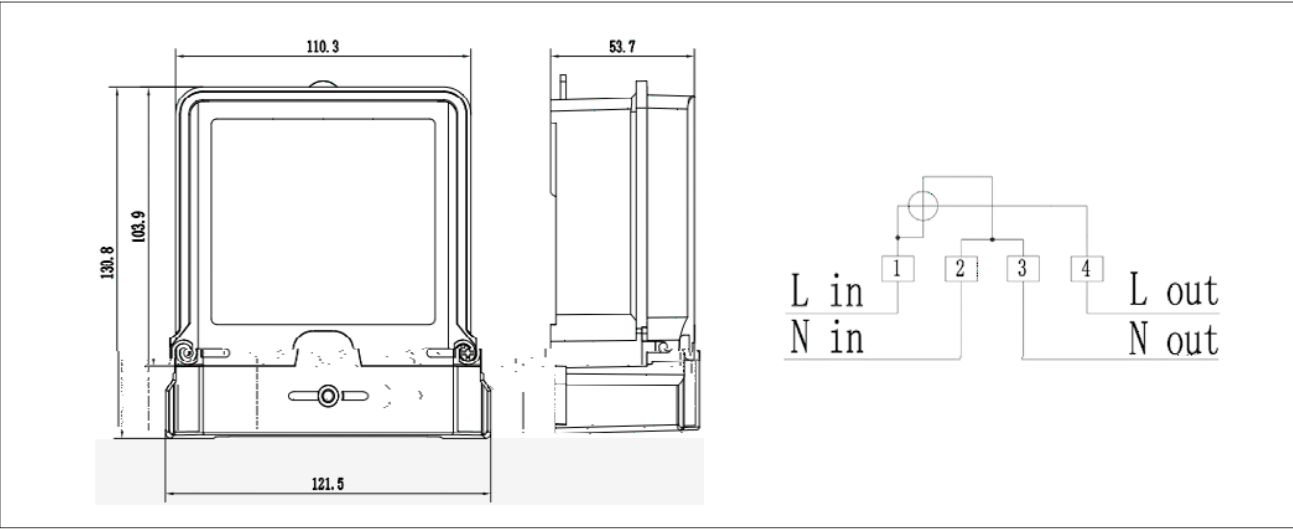
Certification



Specification

Specification		
		6kV 1.2/50μs

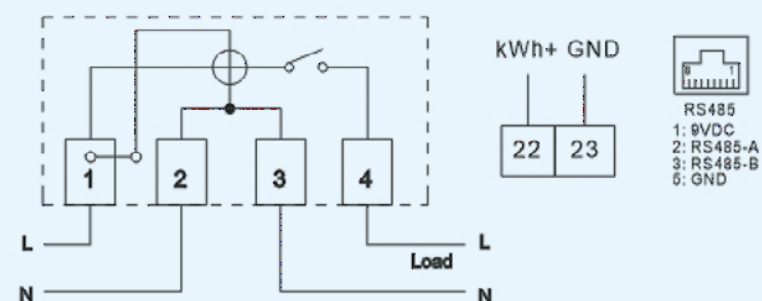
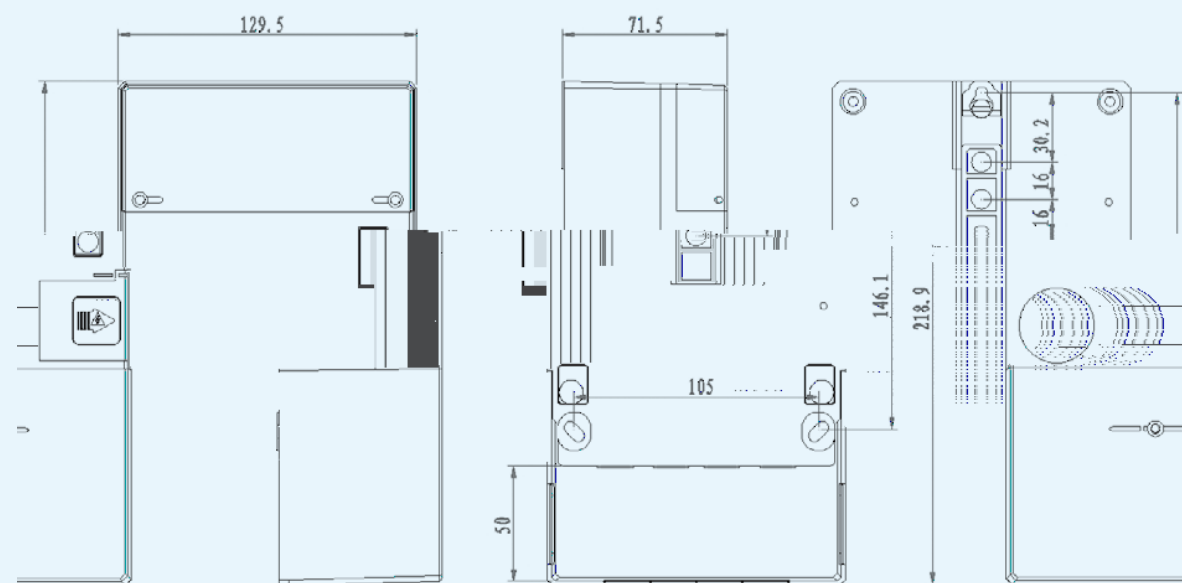
Dimension & Connection



Certification



Dimension & Connection



DDZY566-M



Highlights

Remote firmware upgrade via PLC/ RF/ GPRS/ RS485 (optional)

Main Function

Load Profile (optional)

- ## Tarifs (optional)

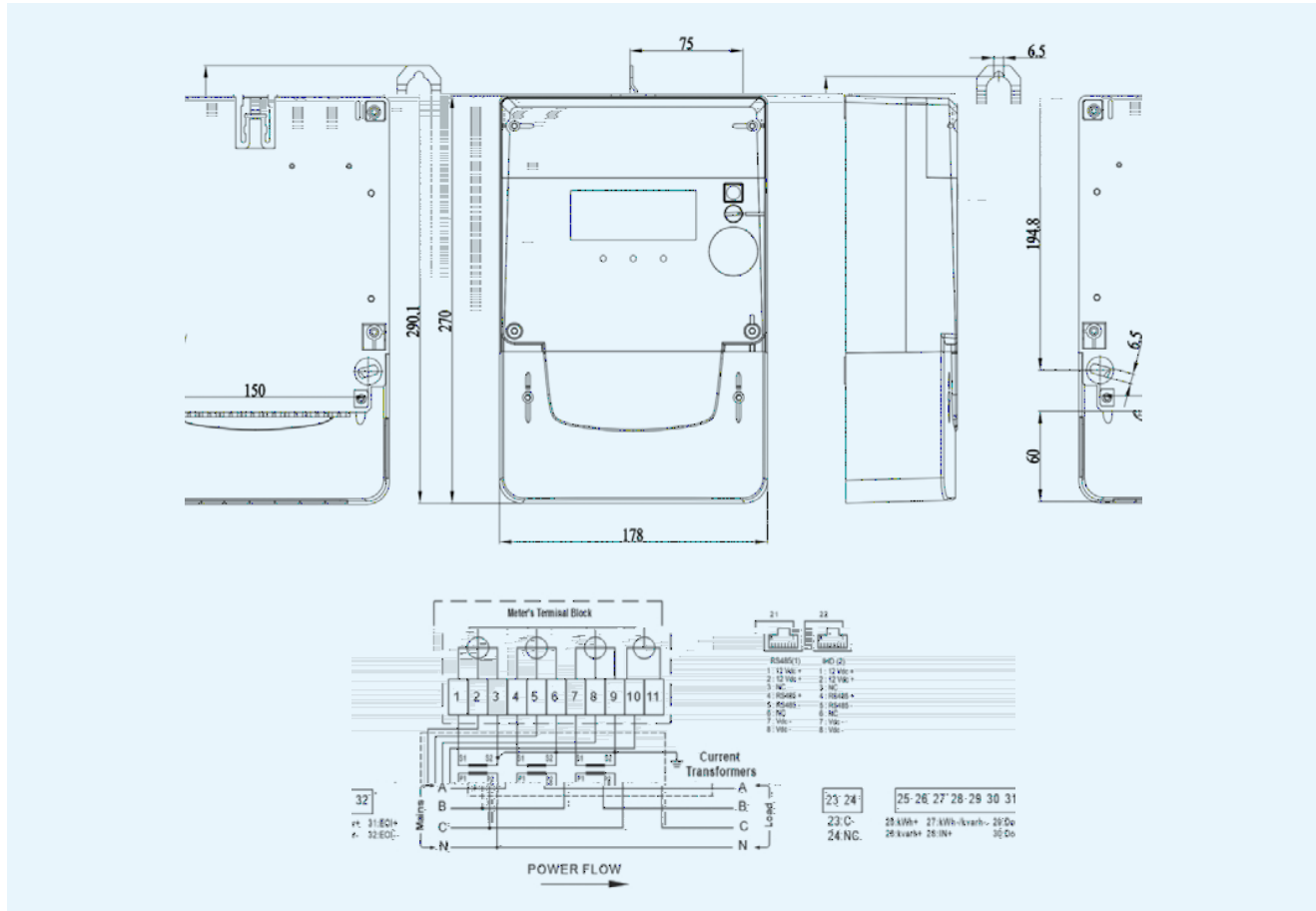
Specification

Specification			
		220V,230V, 240V	
		40A, 60A, 80A, 100A	
		0.4% Ib	
		<4VA	
		-40°~+70°C	
		-40°~+70°C	
		Up to 95%	
		IP54	
			8kV
			15kV
		4kV	
		4kV	
	Electromagnetic RF fields		80kHz~ 2000MHz
			150kHz~ 80MHz
		6kV 1.2/50µs	
		4kV 1min	
		IEC 62055-31, IEC 62055-41 IEC 62056-46, IEC 62056-47	
		EN 54070-1,EN 54070-3	
	Load profile (optional)	8 channels	
		218.9*129.5*71.5 mm (L*W*H)	

Certification



Dimension & Connection



Terminal	Name	Function

Terminal	Name	Function



DTZY566-M



DDZY566-M

Three Phase Four Wires Electronic CT and CT-VT Meter

Highlights

Remote frmware upgrade By PLC / RF / GPRS / RS485 (optional)

Main Function

-
-
- Tari f control & step tari f are

-
-
- Power of / on
-
-
-

-
- Backlights
-

-
-
-

Load Pro file (optional)

-
-
-
-

-
-
-

-
- Backlights
-

-

Tari f s (optional)

-
- Step con f gurable

Remote frmware upgrade

- Remote frmware upgrade through

-
-

-

- Block / slide mode
- Demand interval con f gurable

-
-

-
- Bypass / reverse /unbalance current
-

-

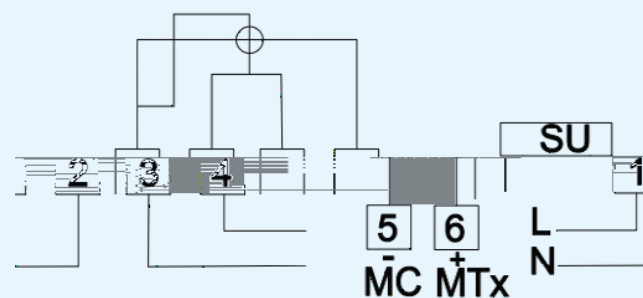
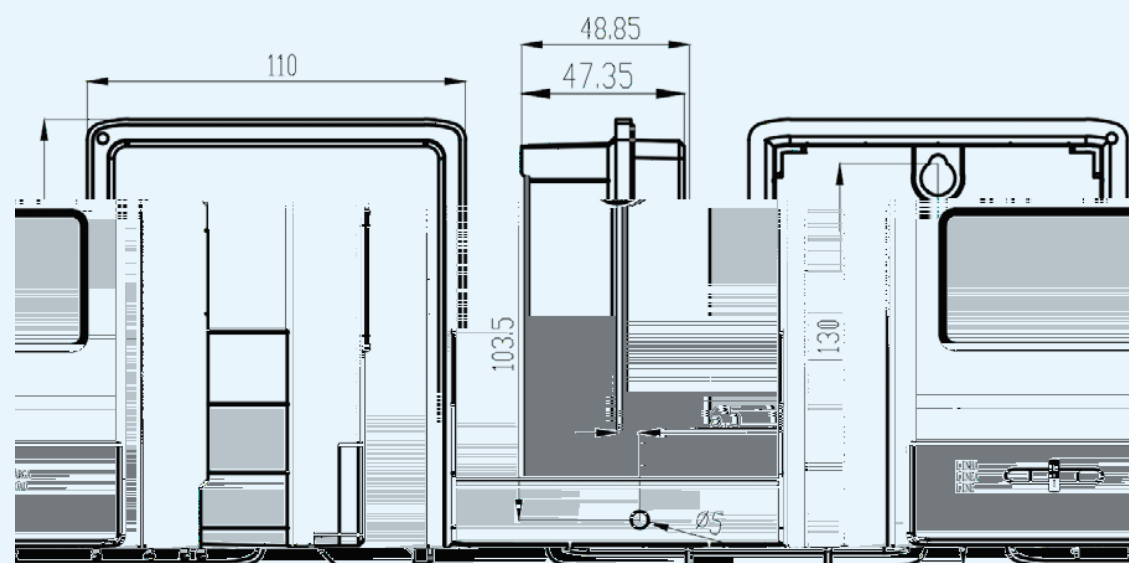
Speci f cation

Speci f cation			
		≤2W, 5VA	
	Electromagnetic RF fields		
			< 30dB
		6kV 1.2/50μs	
	Load pro file (optional)		
	Billing data		

Certification



Dimension & Connection



DDS566



Main Function

-
- | CVE Class | Number of CVEs |
|--|----------------|
| Read firmware version | 100 |
| Communication design password verification | 80 |
| Other CVE classes | 1 to 10 |

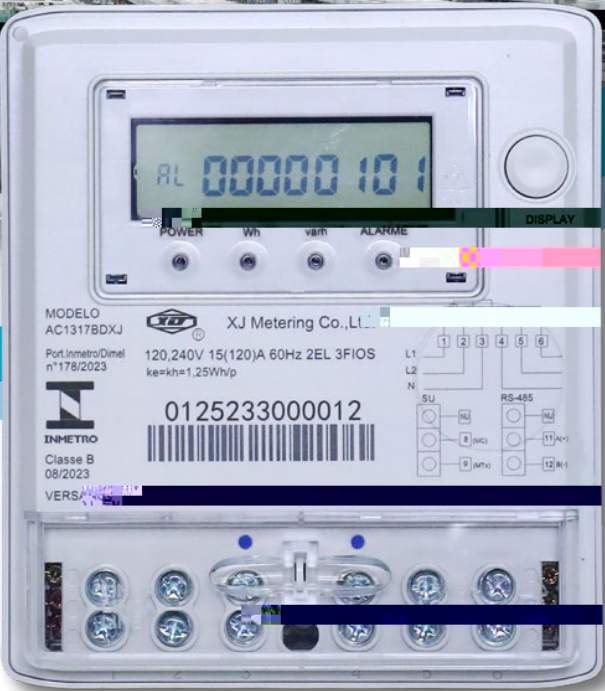
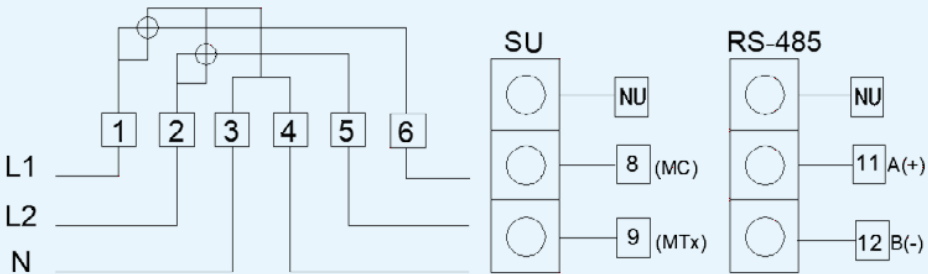
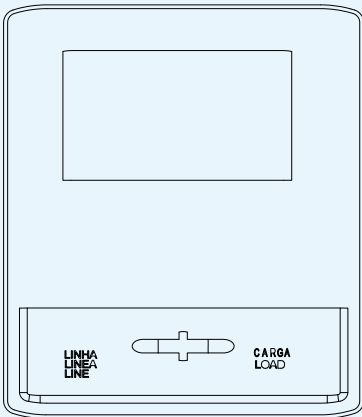
Specification

[illegible]

Certification



Dimension & Connection



DTS566-2P3W



Highlights

Main Function

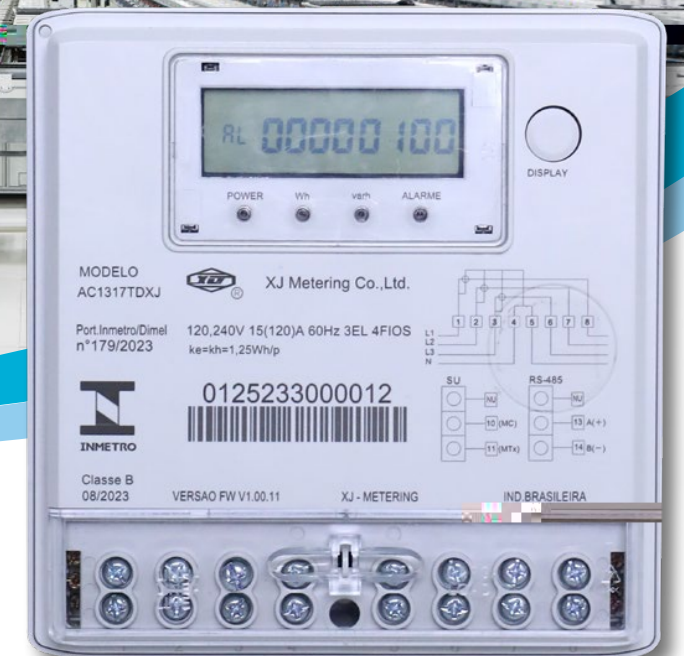
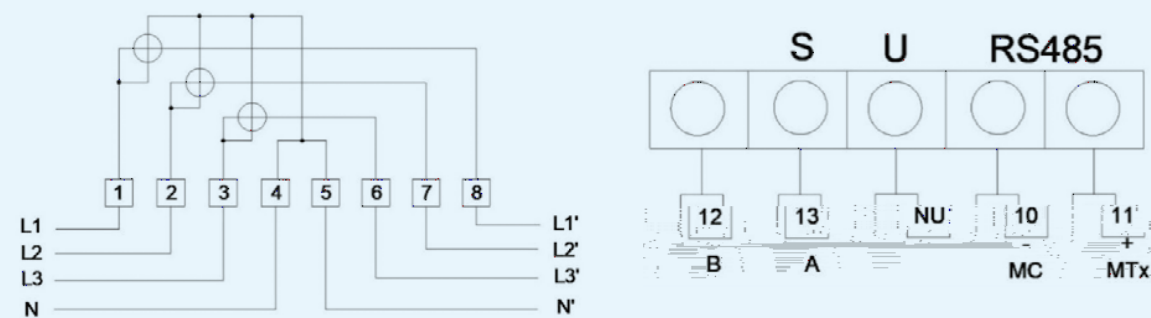
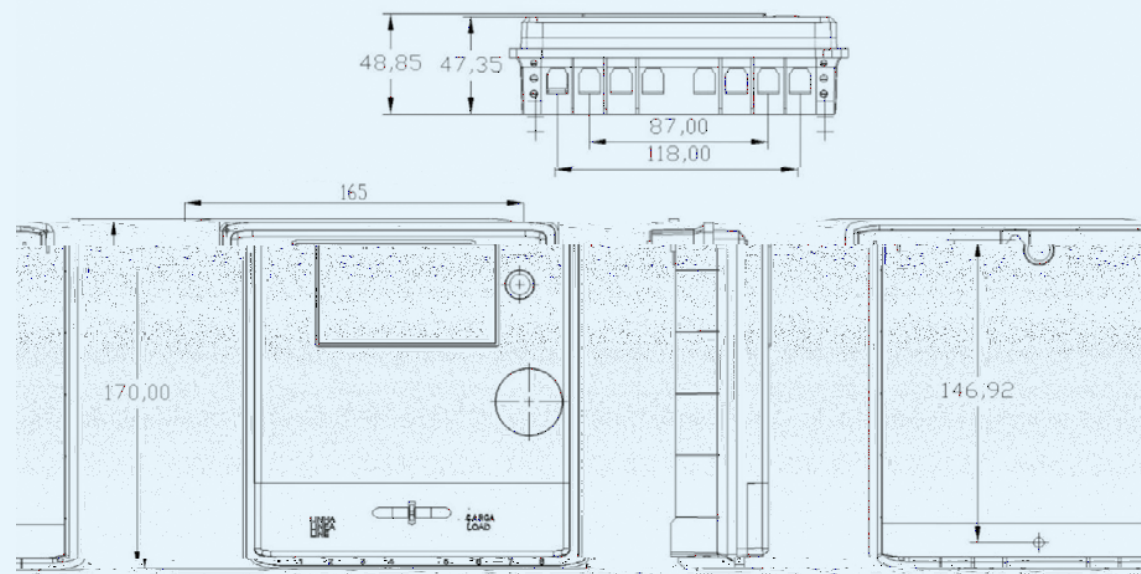
Specification

Specification		
	Specification	
	-25 ~ +55	
	-40 ~ +70	
	-40 ~ +70	
	≤85%	
		6kV 1.2/50μs

Certification



Dimension & Connection



DTS566-3P4W



Main Function

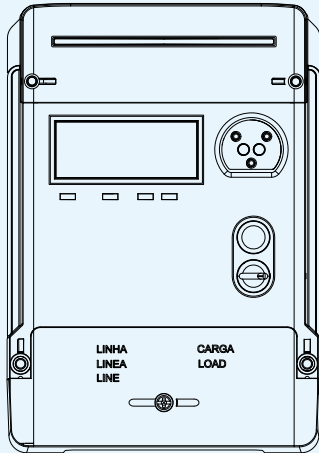
- ## Specification

Specification		
	-25 +70	
	-40 +70	
	-40 +70	
	≤85%	
		6kV 1.2/50μs

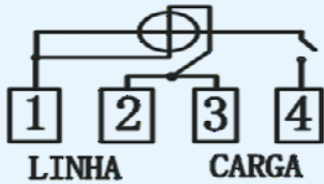
Certification



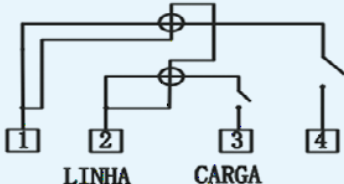
Dimension & Connection



Connection for 1p2w



Connection for 1p3w



DDZY566-M

No.	Connection for 1p2w	Connection for 1p3w



Internal relay for load demand control by configuration or remote communication
Remote firmware upgrade via PLC/ RF/ GPRS/ RS485 (optional)

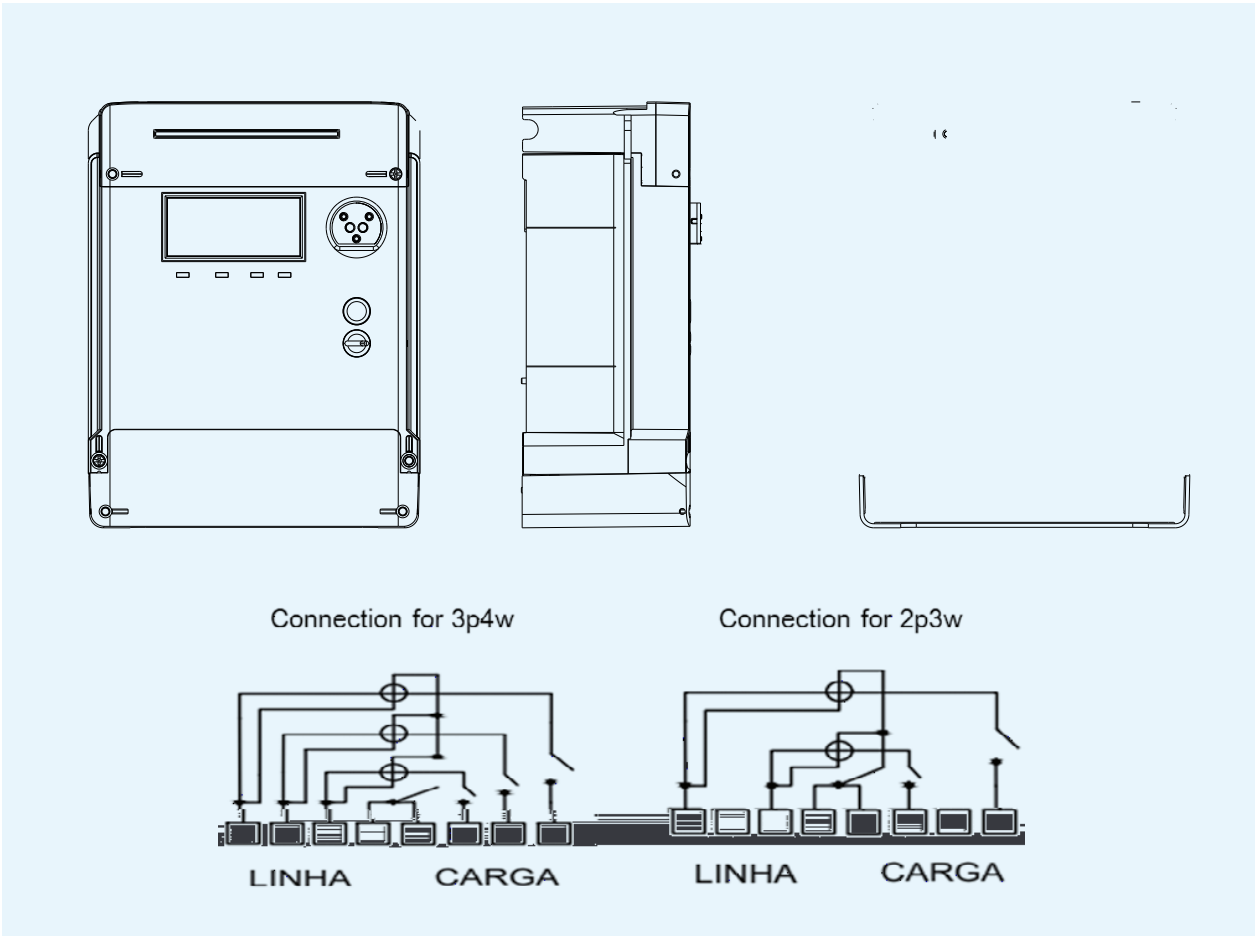
- | Standard | Optional | Optional |
|--|---|--|
| <ul style="list-style-type: none"> • (optional) in tariffs | <ul style="list-style-type: none"> • Up to 8 channels | <ul style="list-style-type: none"> • Block / slide mode • Demand interval configurable |
| <ul style="list-style-type: none"> • Large digit LCD display, backlight • Scrolling display and key display configurable | <ul style="list-style-type: none"> • Clock accuracy (daily deviation): | <ul style="list-style-type: none"> • Strong magnetic field detection |
| | <ul style="list-style-type: none"> • Step configurable | <p>Tariffs (optional)</p> <ul style="list-style-type: none"> • PLC/ RF/ GPRS/ RS485 |

Specification			
		40A, 60A, 80A, 100A	
			8kV
			15kV
		4kV	
		4kV	
	Electromagnetic RF fields		80kHz~ 2000MHz
			150kHz~ 80MHz
		6kV 1.2/50μs	
		4kV 1min	
	Load profile (optional)	8 channels	
		190.8*132.9*77.6mm (L*W*H)	

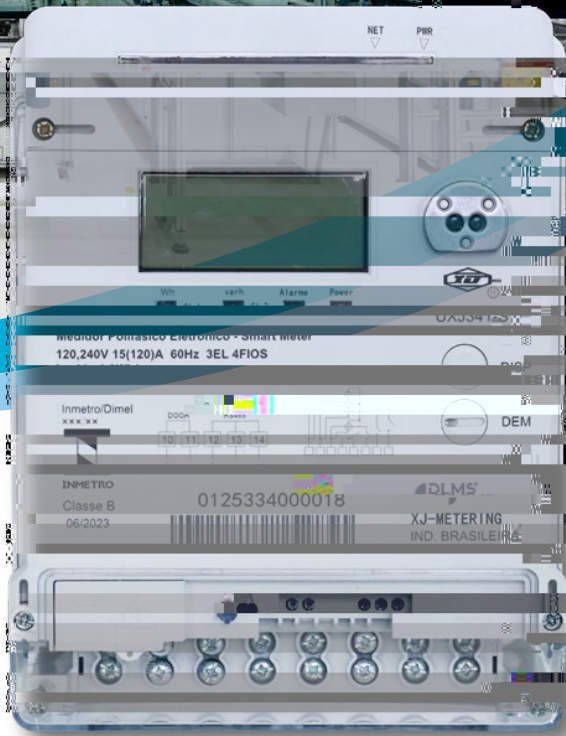
Certification



Dimension & Connection



No.	Connection for 3p4w	Connection for 2p3w



DTZY566-M



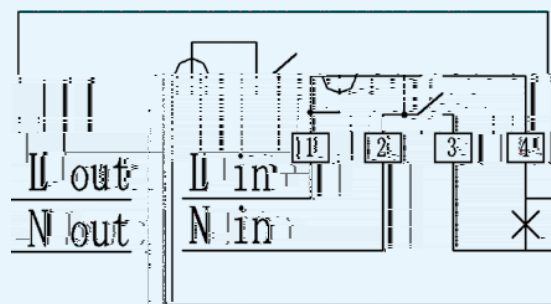
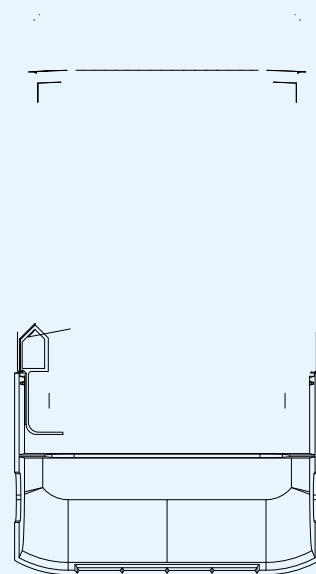
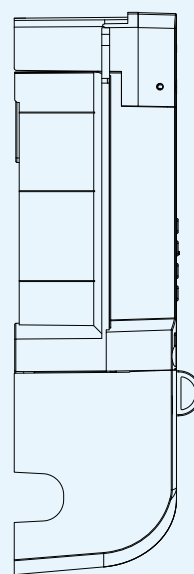
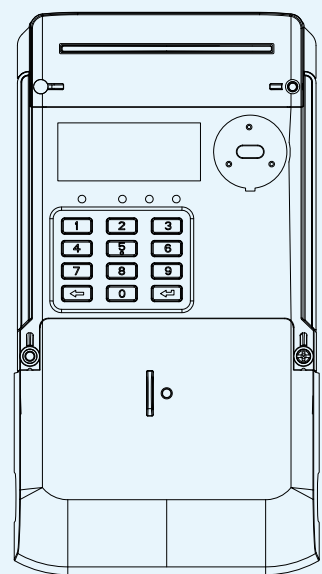
Pluggable communication modules (PLC /GPRS / RF)
Remote frmware upgrade through PLC / RF / GPRS / RS48 (optional)
Internal relay for local load demand control (configurable) and remote communication control

Feature	Standard	Optional
Active and reactive (import and export)	•	•
Tariff control & step tariff are	• Over 360 days' storage (2 channels, 30 minutes)	• Demand interval configurable
	•	• Historical value (optional)
Power of / on	• 3 data access levels (lowest, LLS and HLS)	• Clock accuracy (daily deviation): 0.5s (23°C)
	•	• DST (Daylight Saving Time)
	•	• RWP (Read without Power)
		• Lithium battery (10 years)
		Tariffs (optional)
Configurable scrolling display and	•	• Step configurable
	• Strong magnetic field detection (optional)	•
power (RWP)	• Ultrasonic seal (optional)	•

Specification			
		Class 1(IEC)/Class B(MID)	
	3P4W		
		≤2W, <5VA	
		<0.2VA	
		-25°C+55°C	
		-40°~+70°C	
		-40°~+70°C	
	Electromagnetic RF fields		
		With current	
		Without current	
	Radio interference(peak value)		< 30dB
		6kV 1.2/50μs	
		< 0.5s/d	
	Load profile (optional)		
		Polycarbonate + Fiber glass	
		218.2*170*85.9mm (L*W*H)	

Certification

Dimension & Connection



DDZY566-M II



Highlights

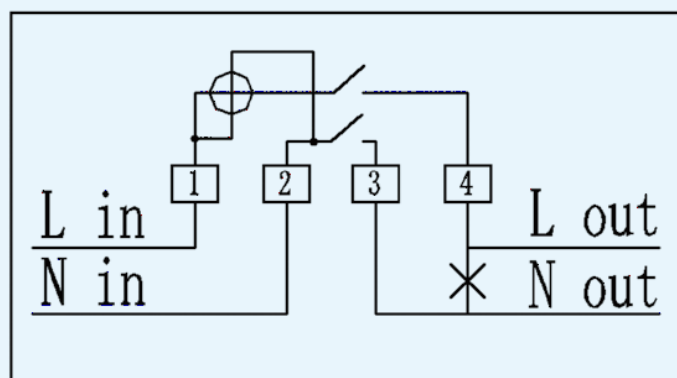
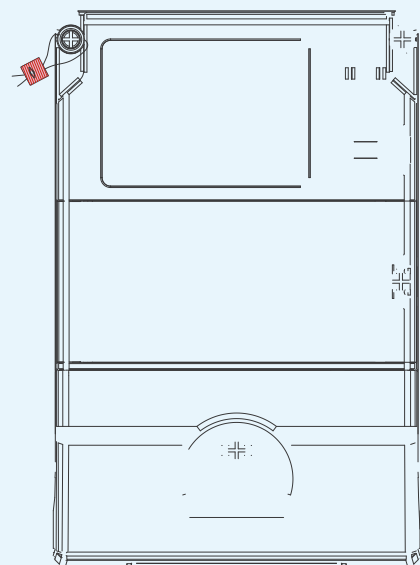
Main Function

Load Profile (optional)

Tariffs (optional)

Certification

Dimension & Connection



DDZY566-M I



DDZY566-M I

Single-Phase Prepayment Smart Meter

Highlights

- Internal relay for load demand control by configuration or remote communication
- Remote firmware upgrade via PLC /RF /GPRS/ RS485 (optional)

Main Function

Load Profile (optional)

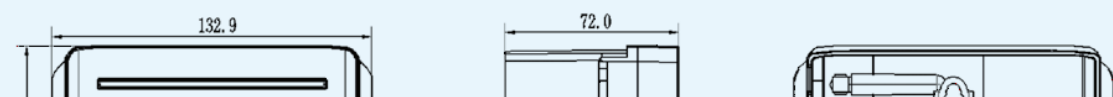
Tariffs (optional)

Specification

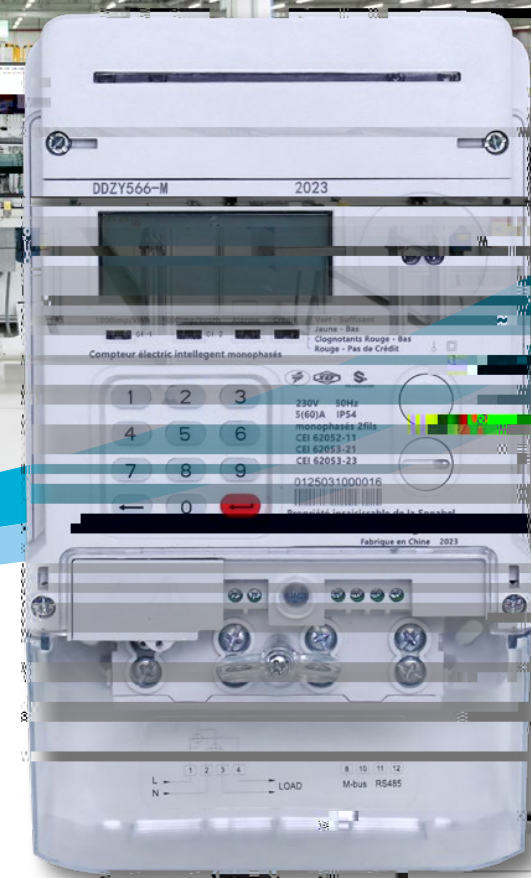
Specification			
		Class 1(IEC)/Class B(MID)	
		220V,230V, 240V	
		40A, 60A, 80A, 100A	
		0.4% Ib	
		<4VA	
		-40°~+70°C	
		-40°~+70°C	
		Up to 95%	
		IP54	
			8kV
		4kV	
		4kV	
	Electromagnetic RF fields		80kHz~ 2000MHz
			150kHz~ 80MHz
		6kV 1.2/50μs	
		4kV 1min	
		IEC 62055-41, IEC 62055-51 IEC 62056-46, IEC 62056-47	
		EN 54070-1, EN 54070-3	
	Load profile (optional)		
	Billing data		
		φ9mm	
		195*128*78mm (L*W*H)	

Certification

Dimension & Connection



8 10 11 12



DDZY566-M

Single-Phase Keypad Prepayment Smart Meter (With Module Case)

Internal relay for load demand control by configuration or remote communication

Remote frmware upgrade via PLC /RF /GPRS/ RS485 (optional)

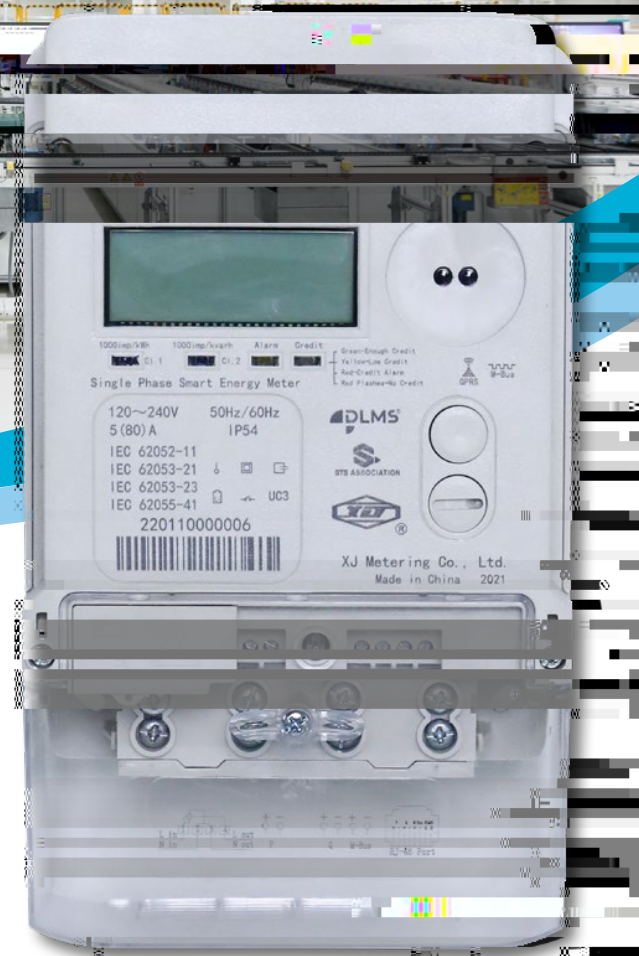
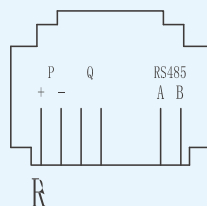
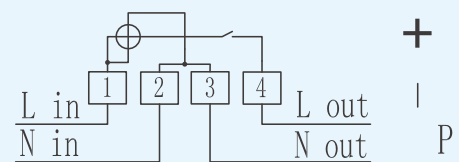
Load Profile (optional)

- | Model | Model 1 | Model 2 | Model 3 |
|---|---|--|---------|
| <ul style="list-style-type: none"> • • • | <ul style="list-style-type: none"> • Over 360 days storage (2 channel, 30 minutes) • Up to 8 channels • | <ul style="list-style-type: none"> • • Demand interval configurable • • Historical value (optional) | |
| <ul style="list-style-type: none"> • • PLC/ RF/ GPRS/ RS485 | <ul style="list-style-type: none"> • 3 data access levels (lowest, LLS and HLS) • • • 4 sealing positions (terminal, body) • • | <ul style="list-style-type: none"> • Clock accuracy (daily deviation): 0.5s (23°C) • • DST (Daylight Saving Time) • RWP (Read without Power) • Replaceable lithium battery (10 years) | |
| <ul style="list-style-type: none"> • • • • • | <ul style="list-style-type: none"> • Strong magnetic field detection (optional) <p>Tarifs (optional)</p> <ul style="list-style-type: none"> • • Step configurable | <ul style="list-style-type: none"> • STS /CTS standard (optional) • • • • • CIU (Customer interface unit) (optional) | |

[illegible]

Certification

Dimension & Connection



DDZY566-M



quickly respond to the flexible customized needs of the market and users. It has the characteristics of good reliability, small size, light weight, beautiful appearance, easy installation, etc., and can be widely

Highlights

- Internal relay for load demand control by configuration or remote communication
- Prepayment and post-payment mode switchable for users' convenience
- Remote firmware upgrade via PLC/ RF/ GPRS/ RS485 (optional)

Main Function

- Unidirectional or bi-directional
- ### Load Profile (optional)

 - Up to 2 megabytes of non-volatile
- -

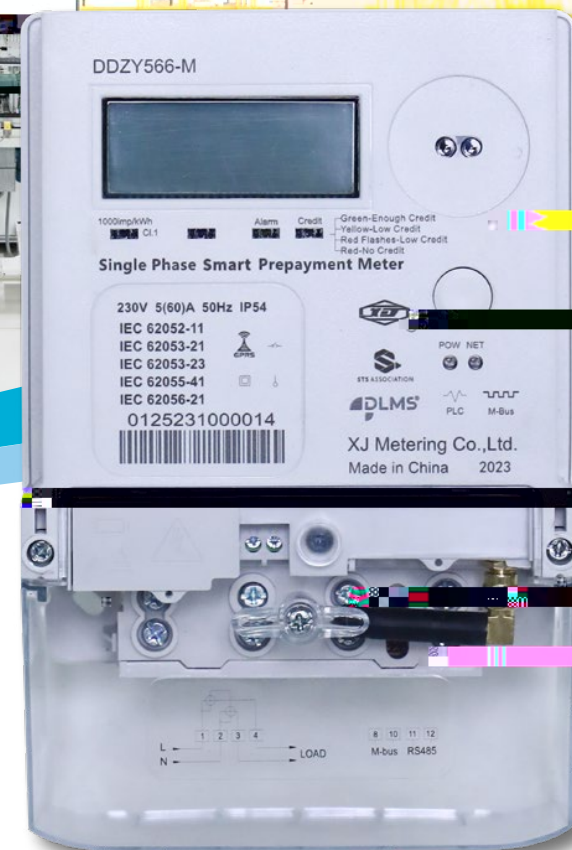
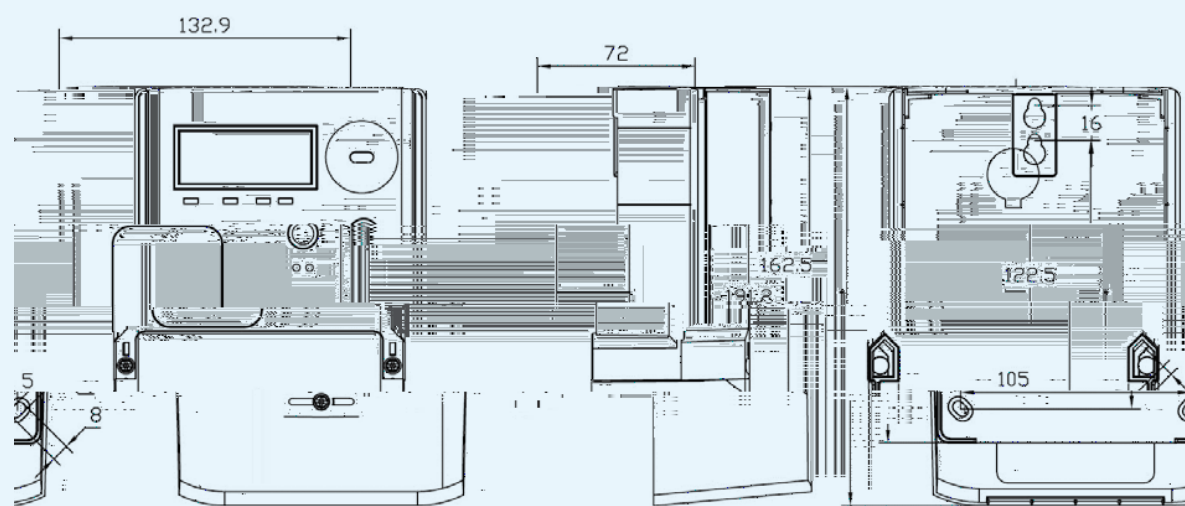
(optional) in tariffs
- Over 360 days storage (2 channel, 30 minutes)
 - Up to 8 channels
 -
- - Demand interval configurable
 - Maximum demand with timestamp
 - Historical value (optional)

- Large digit LCD display, backlight (optional)
-
- configurable
- Display readable without main power (RWP)

Tariffs (optional)

Certification

Dimension & Connection



DDZY566-M

Certification

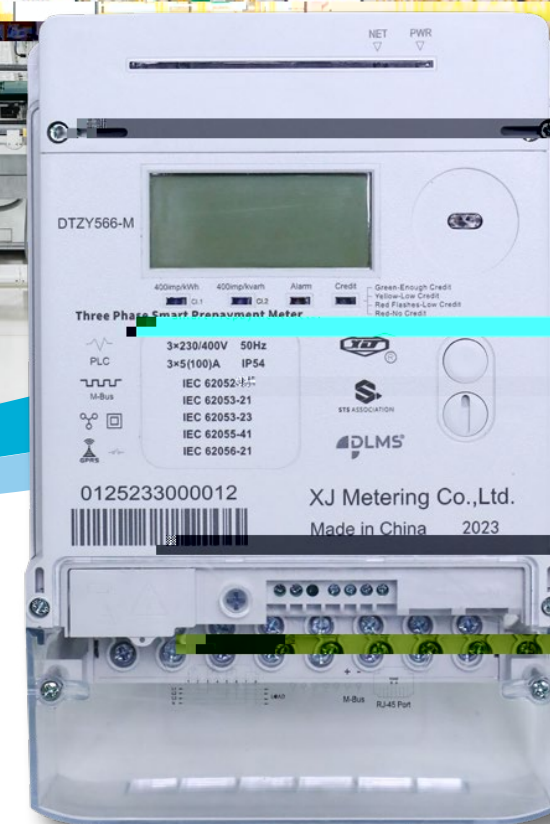
Dimension & Connection



Class

Certification

Dimension & Connection



DTZY566-M



Pluggable communication modules (PLC /GPRS / RF)
Remote frmware upgrade through PLC / RF / GPRS / RS485 (optional)
Internal relay for local load demand control (configurable) and remote communication control

- Active and reactive (import and export)
- Tariff control & step tariff are

- Over 360 days' storage (2 channels, 30 minutes)
- Up to 8 channels

-
-
- Power of / on
-
-
-
-

- PLC/ RF/ GPRS/ RS485

- Configurable scrolling display and

- power (RWP)
- Step configurable

-
- 3 data access levels (lowest, LLS and HLS)
-
-
-
-
- Demand interval configurable
-
- Historical value (optional)
-
- Clock accuracy (daily deviation): 0.5s (23°C)
-
- DST (Daylight Saving Time)
- RWP (Read without Power)
- Lithium battery (10 years)

- Strong magnetic field detection (optional)
- Ultrasonic sealing (optional)

- Step configurable
- CIU (Customer interface unit) (optional)

Specification

Specification			
		Class 1(IEC)/Class B(MID)	
	3P4W	3*220V, 3*230V, 3*240V	
		60A, 80A, 100A	
		0.4% Ib	
		< 2W, 10VA	
		< 4VA	
		-25°C+55°C	
		-40°~+70°C	
		-40°~+70°C	
		Up to 95%	
		IP54	
			8kV
		4kV	
		4kV	
	Electromagnetic RF fields		80kHz~ 2000MHz
		With current	
		Without current	
			150kHz~ 80MHz
	Radio interference(peak value)	30Mhz~1GHz	
		6kV 1.2/50μs	
		4kV	
		IEC 62055-31, IEC 62055-41 IEC 62056-46, IEC 62056-47	
		EN 54070-1,EN 54070-3	
	Load profile (optional)	8 channels	
		Polycarbonate + Fiber glass	
		260*170*86mm (L*W*H)	

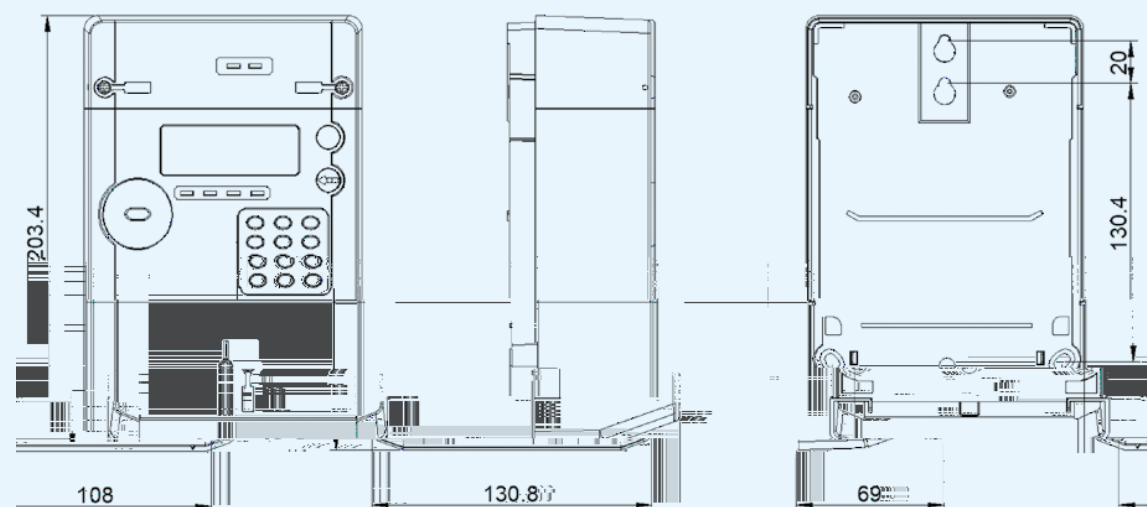


Specification

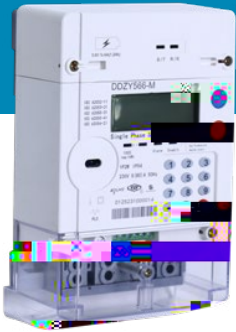
Specification		
		Opaque PC + fiber glass with a transparent window
		Opaque PC + fiber glass

Certification

Dimension & Connection



DDZY566-M



DDZY566-M

Single-Phase Keypad Prepayment Smart Meter

Highlights

Internal relay for load demand control by configuration or remote communication

Remote firmware upgrade via PLC /RF /GPRS/ RS485 (optional)

Main Function

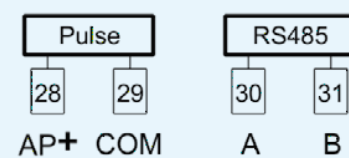
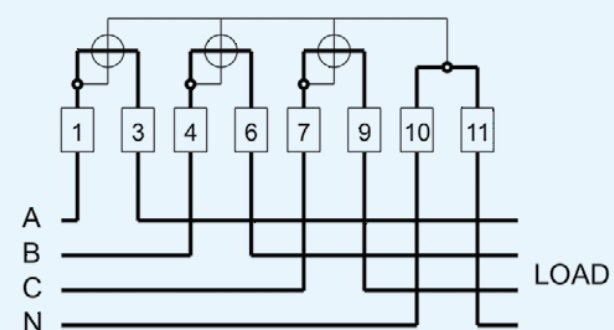
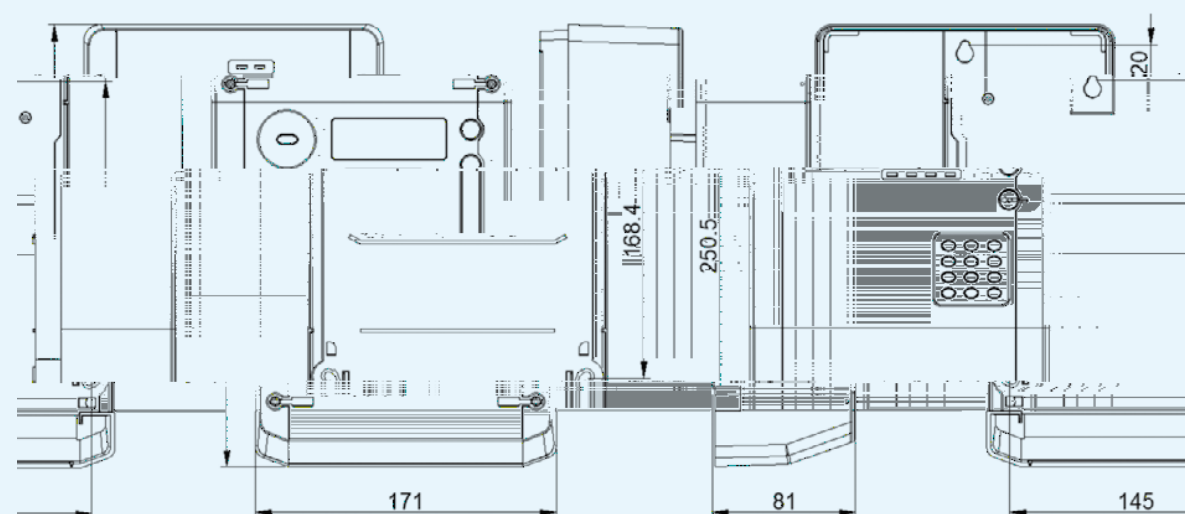
Load Profile (optional)		
(optional) in tariffs	- Over 360 days storage (2 channel, 30 minutes) - Up to 8 channels	- Demand interval configurable - Historical value (optional)
- Alarms indicator (LED & Buzzer)	3 data access levels (lowest, LLS and HLS) 4 sealing positions (terminal, body)	- Clock accuracy (daily deviation): 0.5s (23°C) - DST (Daylight Saving Time) - RWP (Read without Power) - Replaceable lithium battery (10 years)
- PLC/ RF/ GPRS/ RS485		
(optional) - configurable - power (RWP)	- Strong magnetic field detection (optional) Tariffs (optional) - Step configurable	- STS /CTS standard (optional) - CIU (Customer interface unit) (optional)

Specification

Specification			
		Class 1(IEC) / Class B(MID)	
		220V,230V, 240V	
		40A, 60A, 80A	
		0.4% Ib	
		< 4VA	
		- 25°C +55°C	
		- 40° ~ +70°C	
		- 40° ~ +70°C	
		Up to 95%	
		IP54	
			8kV
		4kV	
		4kV	
	Electromagnetic RF fields		80kHz~ 2000MHz
			150kHz~ 80MHz
		6kV 1.2/50μs	
		4kV 1min	
		IEC 62055-41, IEC 62055-51 IEC 62056-46, IEC 62056-47	
		EN 54070-1, EN 54070-3	
	Load profile (optional)		
		Polycarbonate + Fiber glass	
		φ9mm	
		203.4*130.8*69mm (L*W*H)	

Certification

Dimension & Connection



DTZY566-M

DTZY566-M

Three-Phase Smart Prepayment Meter

Highlights

Pluggable communication modules (PLC /GPRS /RF)

Remote frmware upgrade through PLC / RF /GPRS / RS485 (optional)

Internal relay for local load demand control (configurable) and remote communication control

Main Function

- Active and Reactive (import and export)
-
- Tari f control & Step tari f are

Load Profile (optional)

- Over 360 days storage (2 channel, 30 minutes)
- Up to 8 channels
-

-
-
-
- Demand interval configurable
- Historical value (optional)

- PLC/ RF/ GPRS/ RS485

- 3 data access levels (lowest, LLS and HLS)

- Clock accuracy (daily deviation): 0.5s (23°C)
-
- DST (Daylight Saving Time)
- RWP (Read without Power)
- Lithium battery (10 years)

- Configurable scrolling display and

- Strong magnetic field detection (optional)
- Ultrasonic sealing (optional)

Tariffs (optional)

- power (RWP)

- Step configurable

- STS / CTS standard (optional)
-
-
-
-
- CIU (Customer interface unit) (optional)

Specification

Class

[illegible][illegible]

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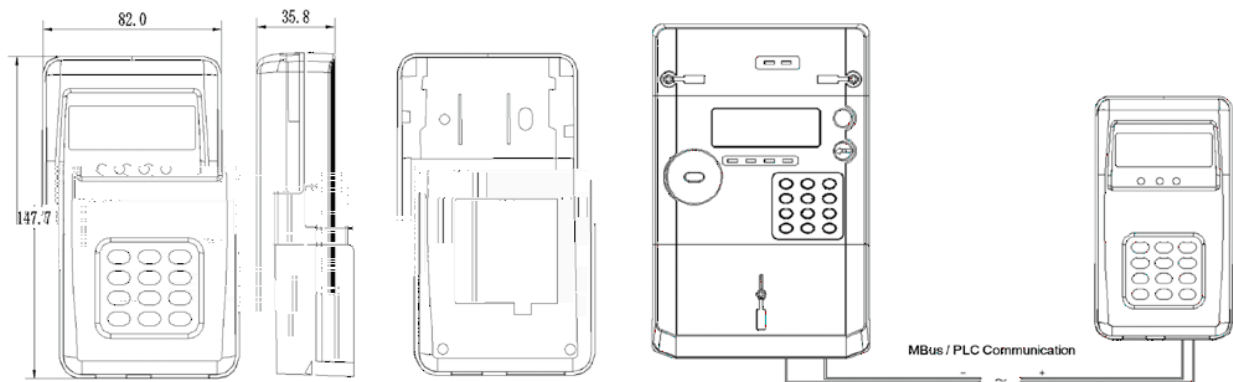


Customer Interface Unit (CIU) (M)

Highlights



Dimension & Connection



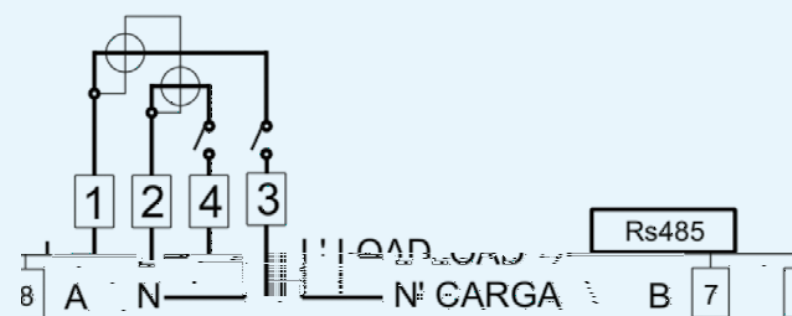
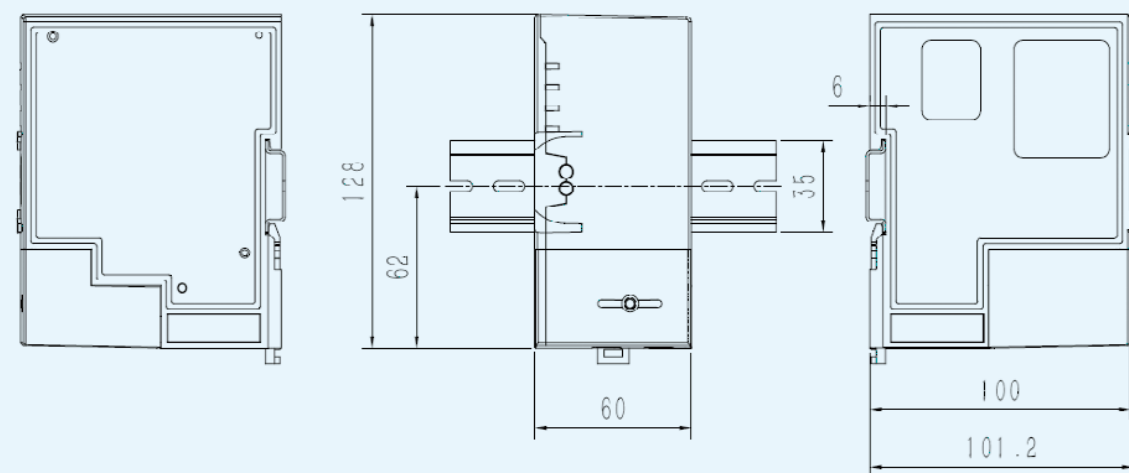
Specification

Specification		
		Opaque PC + fiber glass with a transparent window
		Opaque PC + fiber glass

Certification



Dimension & Connection



DDSY566-191



Highlights

Main Function

Specification

Specification	
Current specification	
	-25 ~ +60
	-40 ~ +70
	≤0.5 s/day (reference temperature: 23 ℃)

Certification



Dimension & Connection



DJGZ23-801

Data Concentrator Unit (DCU)

Highlights

Main Function

- ## Specification

Specification			
	RF electromagnetic field		
		Experimental field strength	,
	Power frequency magnetic field		Differential model 1.0kV
Magnetic field strength			
Standard specification			
		φ8mm	
		≥10 years	
		≥7.6*10	



C5000W HHU Hand-held Unit



Highlights

Meter power on/off, parameter debugging, extensible laser alignment, it supports external expansion of IC card reader and

All data can be copied and parameter configuration, Abnormal fault diagnosis and treatment, Manual / automatic export to OLEDB / ODBC / XML, DBF Database for storage and management

Time synchronization through local and remote communication, automatic alarm when the battery fails, service life over

Compatible with Android system, Compatible programming tools: Microsoft Visual Studio and SQL CE

Specification

Main Parameter		
Model		C5000W
		six inch
	Maximum Resolution	
		16G, Scalable to 64G
		IEEE 802.11a / b / g / n / ac
		,
		The primary camera: 13 million pixels; the secondary camera: 2 million pixels;
		Multiple drop tests from 1.2 meters above concrete ground
		300g



XJD34-PC-W1

Brief Introduction



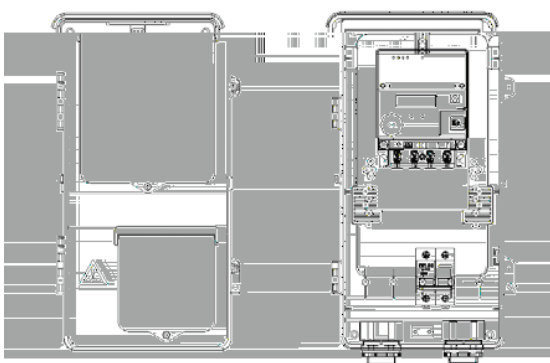
Specification

Items	Parameters
	-30 to 80

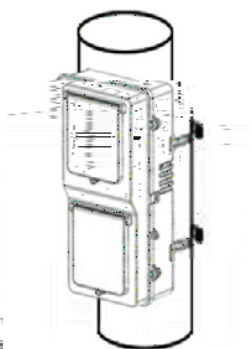
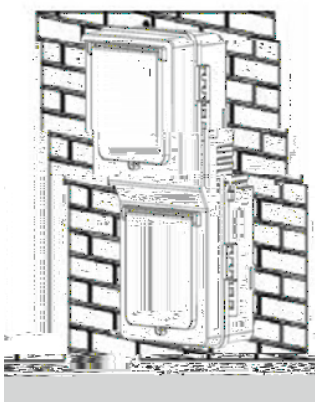
Dimension



Components



Installation Methods



Installation Accessories

	
	
	4PCS M8*40mm
	2PCS 800*12*0.25mm

Quantity in Different Containers

Containers	Quantity
	5184



XJS-PC-W1

Brief Introduction



Specification

Items	Parameters
	-30 to 80

Dimension

Packing

Installation Accessories

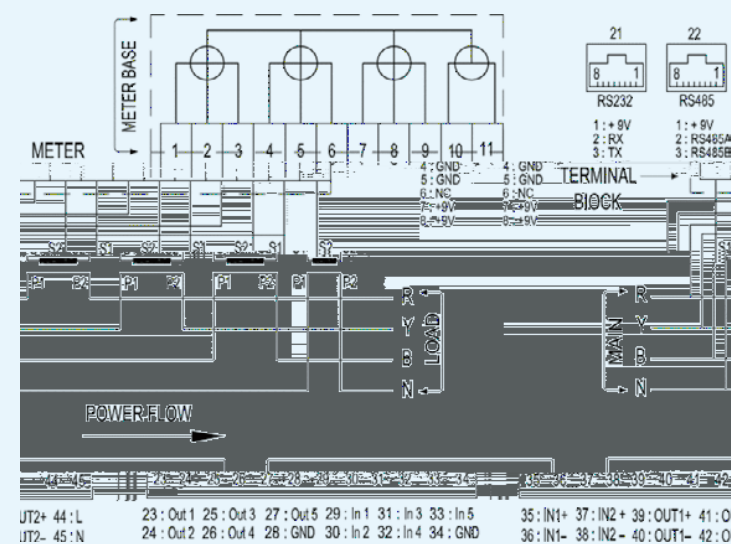
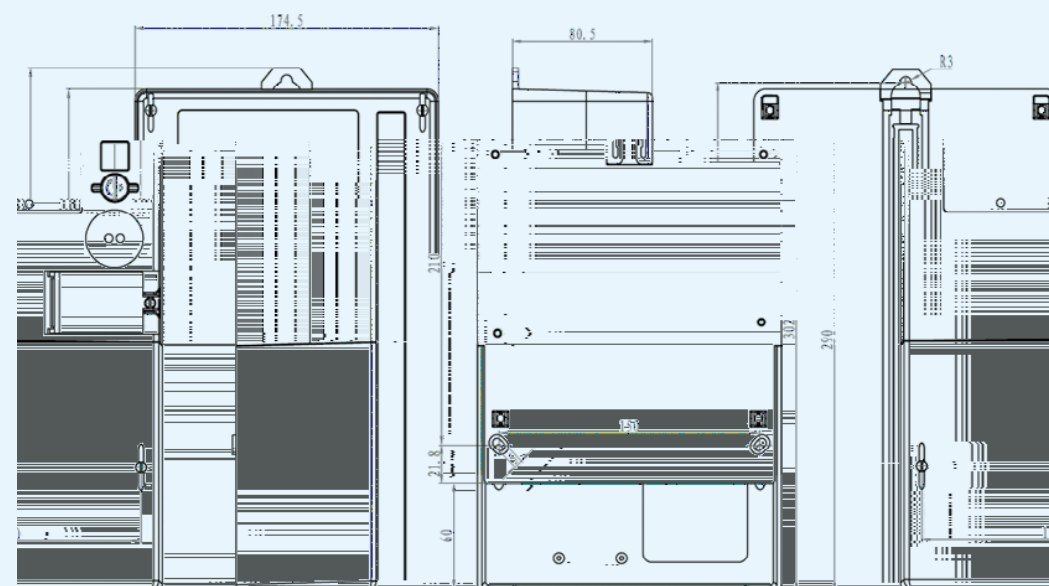
Components

Installation Methods

Quantity in Different Containers

Containers	Quantity
	5184

Dimension & Connection



DTZ568

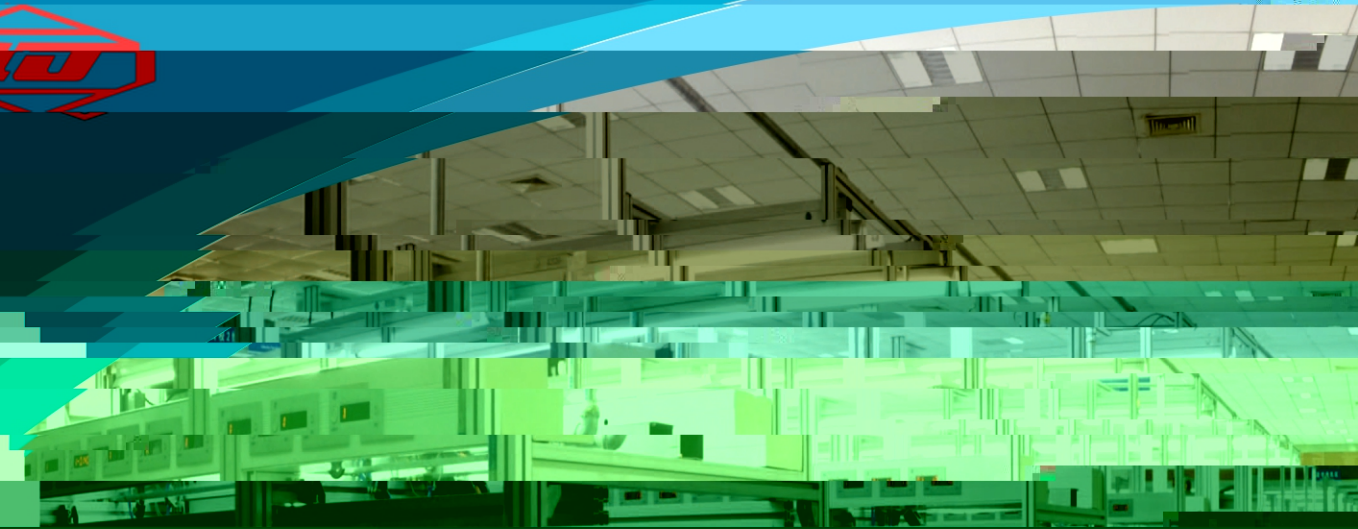


Main Function

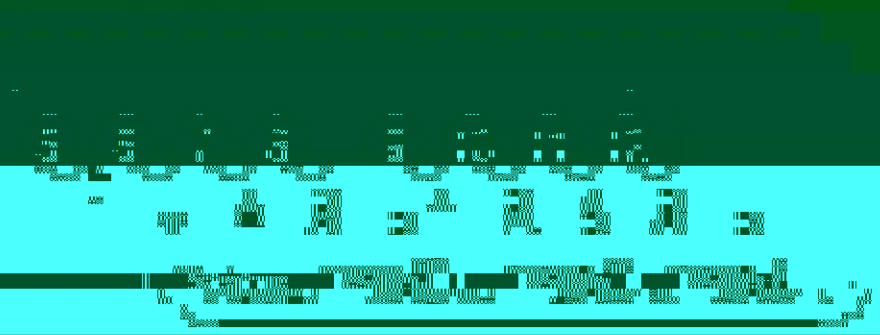
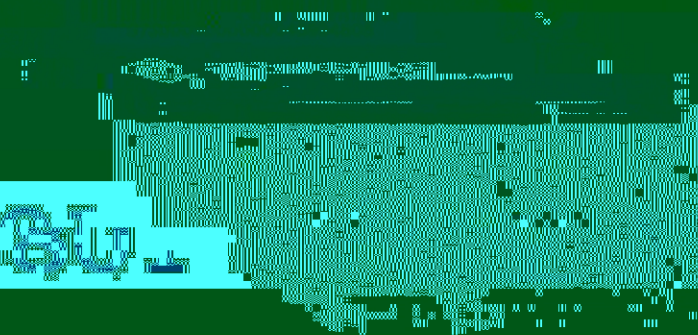
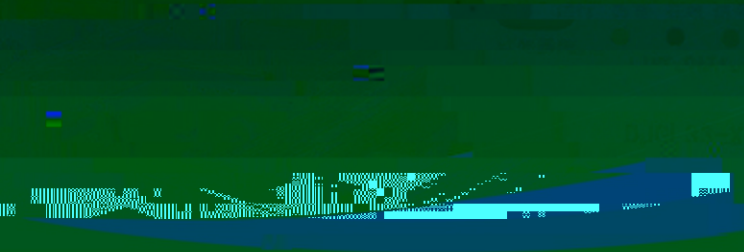
-
- | Feature | Tari f control is available | configurable | Clock accuracy (daily deviation): ≤ 0.5s (23 °) |
|----------------|-----------------------------|--------------|---|
| Power of / on | 100 | 100 | 100 |
| Clock accuracy | 100 | 100 | 100 |
| Tariff control | 100 | 100 | 100 |
| ... | ... | ... | ... |

Specification

Specification			
		≤2W/10VA at Un	
		-25°C to +75°C	
		-40°C to +75°C	
	Electromagnetic RF fields		



Dimension $\times$ Dimensional Extension

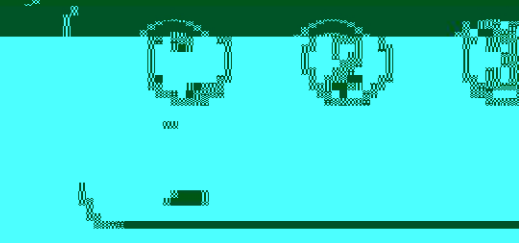
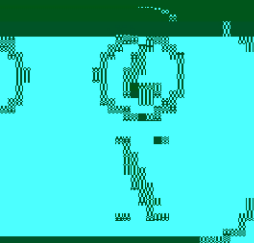


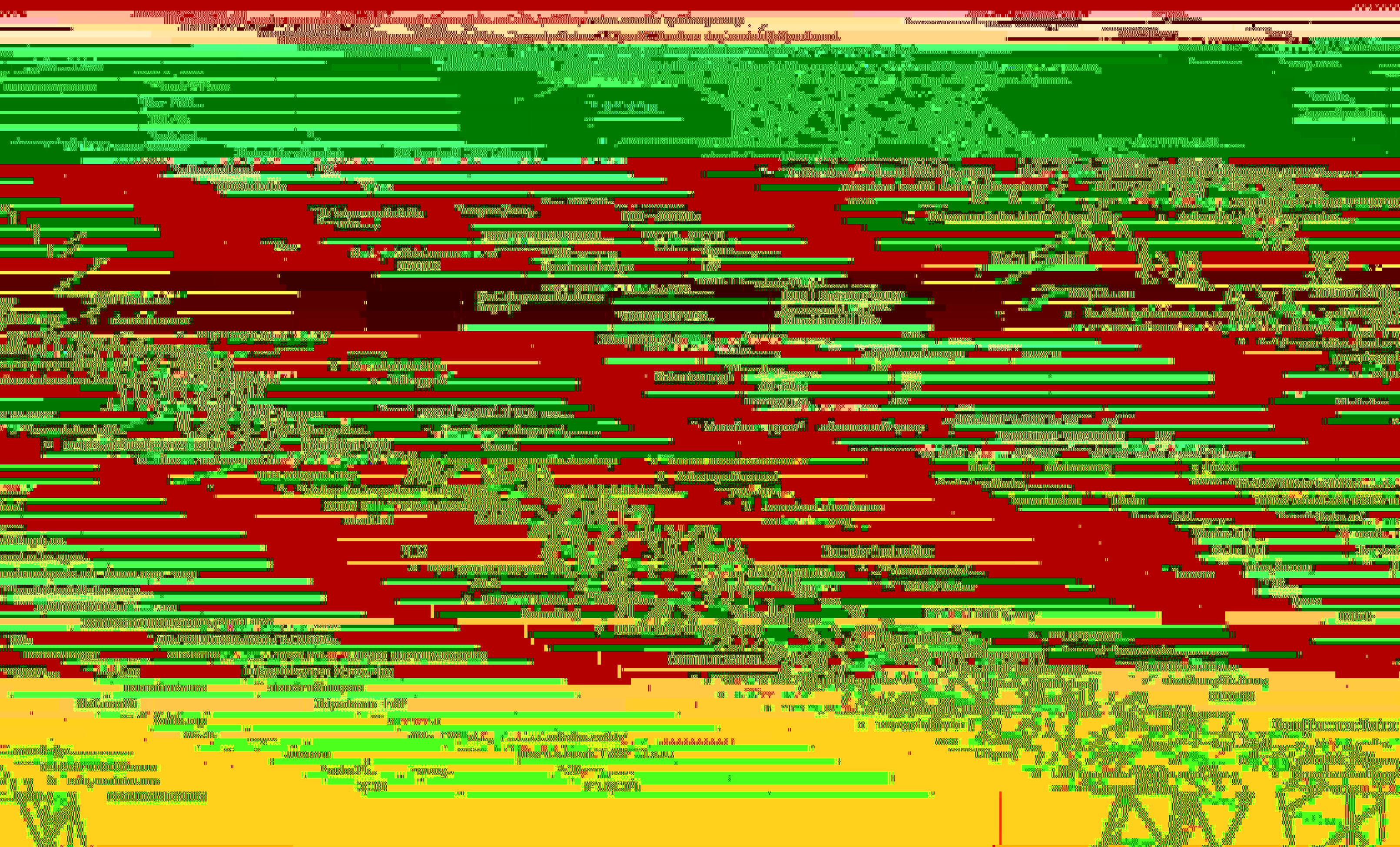
DECLASSIFIED

[illegible]

Low-voltage User Data Acquisition Unit

ACE system core principles







Dimension & Connection





Certifcation

Dimension & Connection



DDZY566-M

8 10 11 12
M-bus RS485

DDZY566-M

Single-Phase Keypad Prepayment Smart Meter (Without Module Case)

Highlights

Internal relay for load demand control by configuration or remote communication

Main Function

Load Profile (optional)

- | Product | Features | Options |
|---|---|--|
| <ul style="list-style-type: none"> • • • | <ul style="list-style-type: none"> • Over 360 days storage (2 channel, 30 minutes) • • | <ul style="list-style-type: none"> • • Demand interval configurable • • Historical value (optional) |
| <ul style="list-style-type: none"> • • | <ul style="list-style-type: none"> • 3 data access levels (lowest, LLS and HLS) • • | <ul style="list-style-type: none"> • Clock accuracy (daily deviation): 0.5s (23°C) • • DST (Daylight Saving Time) • RWP (Read without Power) • Replaceable lithium battery (10 years) |
| <ul style="list-style-type: none"> • • | <ul style="list-style-type: none"> • 4 sealing positions (terminal, body) • • | <ul style="list-style-type: none"> • STS /CTS standard (optional) • • • • |
| <ul style="list-style-type: none"> • • | <ul style="list-style-type: none"> • Strong magnetic field detection (optional) | <ul style="list-style-type: none"> • • • |
| <ul style="list-style-type: none"> • • | <p>Tarifs (optional)</p> <ul style="list-style-type: none"> • • Step configurable | <ul style="list-style-type: none"> • CIU (Customer interface unit) (optional) |
| <ul style="list-style-type: none"> • • | | |

Specification

[illegible]