

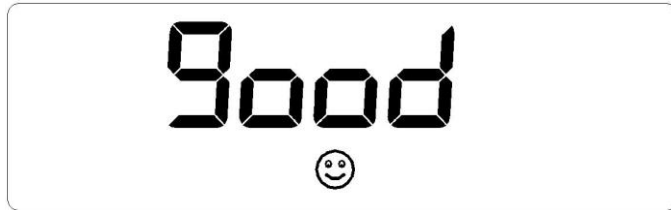
## How to use prepayment meter?

### Four steps:

**STEP-1:**Customer can recharge prepayment meter at UVS (Utility Vending Station) which authorized by DPDC or recharge via POS machine etc.

**STEP- 2:**Insert the IC card via the **Card slot**.

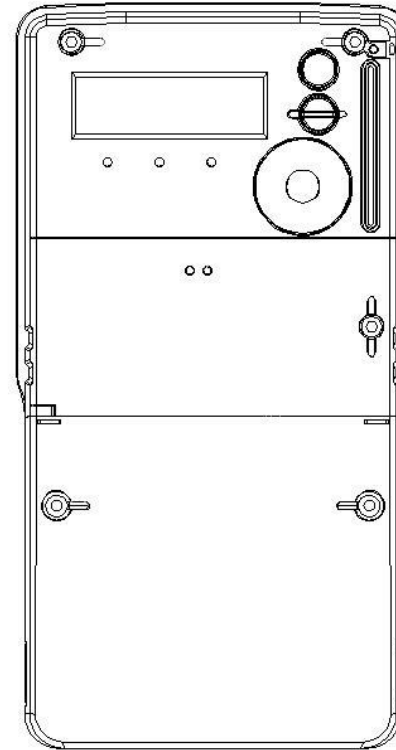
**STEP-3:**If Recharge successful, there will be an icon of “😊” in the display. Meter balance will increase.



Otherwise, there will be an icon of “😞” in the display, and the error codes will display at lower-left quarter of LCD. Meter balance will not be changed.



If you have any question, please contact with UCC (Utility Customization Center).



# DDSD101

## Single Phase Smart Prepayment Meter



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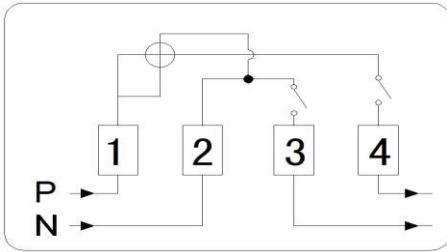
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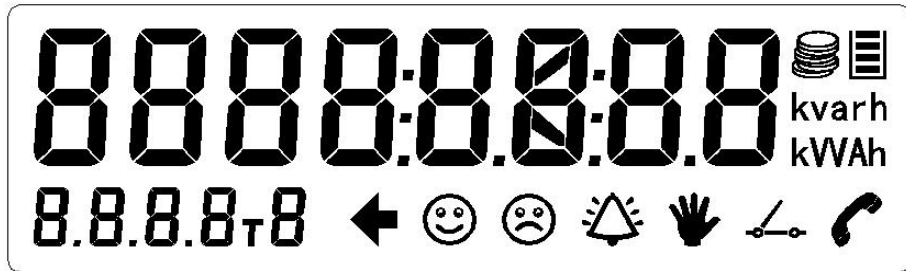
**Service Hotline:** 400-677-6688

<http://www.wasion.com>

## Meter Wiring Method



## LCD Full Screen Display:



## Display Icons including:

**kvarh**

**kVAh** The unit display indicating different units are selected according to different data;

**τ8** Present Tariff Rate;

☺ ☹ ⚠ 🖐 ⚡ 📞 Purchase energy, alarm, tamper, relay and communication indicators;

Symbol ☺ indicates TOKEN acceptance;

Symbol ☹ indicates TOKEN rejection;

When alarm event occurs, icon ⚠ flash;

Symbol ⚡ indicates the relay close or open status;

Symbol 📞 indicates communication status;

Symbol 🖐 indicates the meter is in a tampering state;

Symbol 📦 indicates Currency Mode;

Symbol 📄 indicates remaining credit status.

## Push Mode Display

Push Mode	Description	OBIS
	Display full test	8.8.8.8
	Local time	0.9.1.
	Local date	0.9.2.
	Meter serial number	J.1.0.
	Current monthly consumption	J.33.b.
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.0.
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.1
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.2
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.3
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.4
	L1 voltage	20.7.0
	L1 current	1F.7.0.
	L0 current(neutral measure)	5b.7.0.
	Instantaneous Power	F.7.0
	Total maximum demand +A	1.6.0.
	Last billing total maximum demand +A	1.6.0.1
	Cumulative total maximum demand +A	1.2.0
	Tamper count	J.14.0
	Meter status	J.A.5
	Current active tariff rate	J.E.1
	Last purchase credit	1.8C.A
	Last electricity purchase time	J.2.80.1
	Total purchase credit	1.8C.2
	Remaining credit	1.82.1.
	Billing date	0.9.7
	Low credit warning threshold	1.8C.5
	Emergency value	1.8C.8
	Friendly Hour	0.9.2
	Friendly Weekend	0.9.3

Auto Mode	Description	OBIS
	Display full test	8.8.8.8
	Local time	0.9.1.
	Local date	0.9.2.
	Meter serial number	J.1.0.
	Current monthly consumption	J.33.b.
	Cumulative active energy, kWh (Q1+Q2+Q3+Q4)	F.8.0.
	L1 voltage	20.7.0
	L1 current	1F.7.0.
	L0 current(neutral measure)	5b.7.0.
	Instantaneous Power	F.7.0
	Last billing total maximum demand +A	1.6.0.1
	Tamper count	J.14.0
	Current active tariff rate	J.E.1
	Last purchase credit	1.8C.A
	Last electricity purchase time	J.2.80.1
	Total purchase credit	1.8C.2
	Remaining credit	1.82.1.
	Billing date	0.9.7

## 4.14 IC Card

Meter uses SIEMENS Company's SLE4428 logic encryption card as a data transmission medium. There are two types of cards: user card, test card.

(1) User card:

The user holds, the meter to increase the purchase of electricity at the same time can choose to modify the pre-paid related parameters. A card relates to a meter; safety certification use password key or meter proprietary password key provided by electricity sales management department to determine the corresponding number of the meter information. After the success of the write back to the energy meter record information, token processing information.

(2) Test card:

The test card is used to test the meter display, relay, etc.

(3) IC card failure tips:

error code	Faulty content
00	Card type is wrong
03	The card type is correct, but the table does not support card operations for this type of logic
01	There is an error with the corresponding information
01	Meter number is wrong
02	The serial number of the sale system is wrong
03	The current logic state of the table does not accept this card
06	This card is open, please use the new account card
07	Meter has been opened
02	Data error (data format or check message error)
00	Data error
01	Data is malformed
02	Check information error
03	No operation permission (three-phase table without this error)

	code)
04	Write-back full (three-phase meter without this error code)
0300	Password verification failed
0400	The wrong number of electricity sales
0500	Take the card in advance, did not complete the operation
0600	Part of the card is required to press the button, the IC card is not pressed by pressing the key
0700	Overrun error, the sum of user's new purchase of electricity and the remaining electricity in the meter is more than the preset "hoarding electricity"
0900	Unrecognized error (three-phase meter without this error code)

※Note: 1. When the correct IC card is inserted, the LCD shows "-good-" and the buzzer drops. Repeatedly insert the user card LCD display "-USED", the other display Err-error short code, and drops the three prompts.

