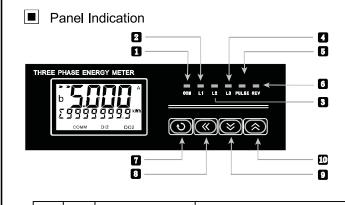
# iTrans207

## **Electrical Multi Function Transducer with display**

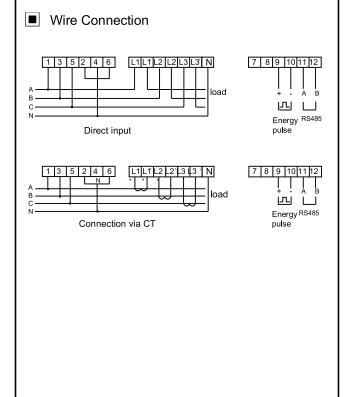


- UNIQUE Multi-Function Transducer with LCD display
- UNIQUE 20A, 40A or 60 A direct input
- Measures V/I/ P/Q/S, Freq, PF, Bidirectional Kwh
- With RS485 digital communication MODBUS RTU protocol (Opt)
- Very Competitively priced
- KwH pulse output





No.	Key	Name	Function
1	СОМ	COM inidcating Light	When have Communicaiton , light flash.
2	L1	A phase indicating light	A phase has power , light flash.
3	L2	B phase indicating light	B phase has power , light flash.
4	L3	C phase indicating light	C phase has power , light flash.
5	PULSE	pulse output indicating light	when pulse output , light flash.
6	REV	Status indicating light	phase sequence fault indicating light.
7	0	Menu key	Second line display switch/menu/confirm/exit
8	<b>8</b>	Shift key	second line display switch/modify/shit/return
9	8	Decrease key	First line display switch/decrease
10		Increase Key	First line display switch/increase



# iTrans207

## **Electrical Multi Function Transducer with display**



### Technical Features

Name	Specification		
Accuracy	Kwh: 1 rate, Othe parameters: 0.5 rate		
Rated voltage	3x220V		
Current	1.5A (6A), 10A (40A), 20A (80A),		
Frequency	50/60Hz		
Working voltage	Normal working voltage: 0.9Un-1.1Un , Extreme working voltage : 0.7Un-1.2Un		
Start current	0.0004lb		
Power consumption	Voltage line : < 5VA/phase		
Energy pulse output	Pulse Constant 8000		
Communication	RS485 : MODBUS-RTU		
Clock error	<0.5s/d		
Temperature range	Normal working temperature -10-+45C , Extreme working temperature-20-+55C Storage temperature-40-+70C		
Relative humidity	<95%		
Dimension	120L×70W×60H		

### Parameter Explanation

Accumulative Kwh	Total Kwh since the meter got connected with power
Accumulative Peak Kwh	Total Peak Kwh since the meter got connected with power
Accumulative Top Kwh	Total Top Kwh since meter got connected with power
Accumulative Middle Kwh	Total Middle Kwh since meter got connected with power
Accumulative Valley Kwh	Total Valley Kwh since meter got connected with power
Total Kwh at present month	Total Kwh since the meter got connected with power at present month
Total Peak Kwh at present Month	Total Peak Kwh since meter got connected with power at present month
Total Top Kwh at present month	Total Top Kwh since meter got connected with meter at present month
Total Middle Kwh at present month	Total Middle Kwh since meter got connected with power at present month
Total Valley Kwh at present month	Total Valley Kwh since meter got connected with power at present month
Total Kwh last month	Total Kwh since meter got connected with power last month
Total Peak Kwh Last Month	Total Peak Kwh since meter got connected with power last month
Total Top Kwh Last Month	Total Top Kwh since meter got connected with power last month
Total Middle Kwh Last Month	Total Middle Kwh since meter got connected with power last month
Total Valley Kwh Last Month	Total Valley Kwh since meter got connected with power last month
Total Kwh the month before last Month	Total Kwh since meter got connected with power the month before last month
Peak Kwh the month before last month	Total Peak Kwh since meter got connected with power the month before last month
Top Kwh the month before last month	Total Top Kwh since meter got connected with power the month before last month
Middle Kwh the month before last month	Total Middle Kwh since meter got connected with power the month before last month
Valley Kwh the month before last month	Total Valley Kwh since meter got connected with power the month before last month

### Function Explanation

### Measurement

- Calculate positive active power Kwh, distinguish and indicate positive and negative energy automatically.
- Total Kwh , Peak Kwh , Top Kwh , Middle Kwh and Valley Kwh are saved
- The meter can save data within 3 months, the system consents that 24 clock of the last day of the month is the energy freezing and saving day.
- With failure memory function, data can be saved for 10 years.

#### Clock and pay-rate period

- Clock error is within 0.5 second/day.
- Programable setting of peak , top , middle , valley rates . One day can be set as 12 time periods ,every period interval is 15 mintues.

#### Display

- 12 digit LED diplay.
- Pulse energy display use red LED.

#### Output

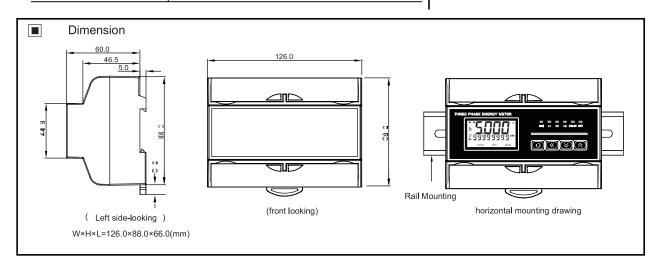
Active power pulse output can be used in meter verification and energy collection.

#### Communication

■ Used in parameter setting and meter reading.

#### Programmable

- Program setting through software
- Time and data setting
- Meter address setting
- Pay-rate period settingEngery clearance setting





## **ORDER FORM**

iTrans 207 5 A Input 207-05

> 20 A Input 207-20

40 A Input 207-40

60 A input 207-60



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