

# Better Solar Metering Solution

## DTSU666-G

Three Phase New Energy Meter  
0.015-1.5(6)A



# CHINT

CHINT METER

- ◎ Bi-directional Measurement for kW and kWh
- ◎ Multi Parameter measurement
- ◎ Modbus-RTU communication
- ◎ Din Rail Mounted
- ◎ Active power refresh rate  $\leq 50\text{ms}$



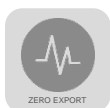
BI-DIRECTION  
MEASUREMENT



LOW COMPUTATION



HIGH SPEED REFRESH



ZERO EXPORT

CE SAA UK CA RoHS

### DTSU666-G

Three Phase New Energy  
Meter 0.015-1.5(6)A

## SPECIFICATIONS

### Measurement

- Compliance with EN 61326-1 EN 61010-1 standard
- Connection type: 3P4W(Three Phase four wire)
- Access Method: Via CT

### Accuracy

- Voltage:  $\pm 0.5\%$
- Current/Power:  $\pm 0.5\%$
- Electric energy:  $\pm 0.5\%$

### Voltage

- Nominal Voltage(Un): 220V...240V
- Operating Voltage: 198V ~ 253V
- Limited Voltage: 100V ~ 276V

### Current

- Current: 0.015-1.5(6)A

### Frequency

- 50Hz or 60Hz

### Display Interface

- LCD
- With backlight

### LED Indication

- Pluse Output

### Communications

- Protocols: ModBus-RTU
- Interface: RS485
- Baud rate: 1200 / 2400 / 4800 / 9600bps(default)  
19200/115200 bps(customizable)

### Measured Values

- Import/Export kWh, kvarh
- Instantaneous kW, kvar, kVA
- Irms, Vrms, Frequency, Power factor, etc

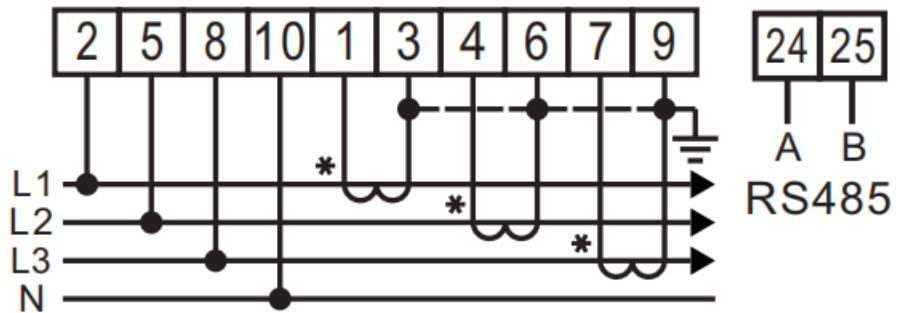
### Environmental

- Operating Temperature:  $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Storage Temperature:  $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Relative Humidity:  $\leq 95\%$ (non-condensing)
- Atmospheric Pressure: 63.0kPa ~ 106.0kPa

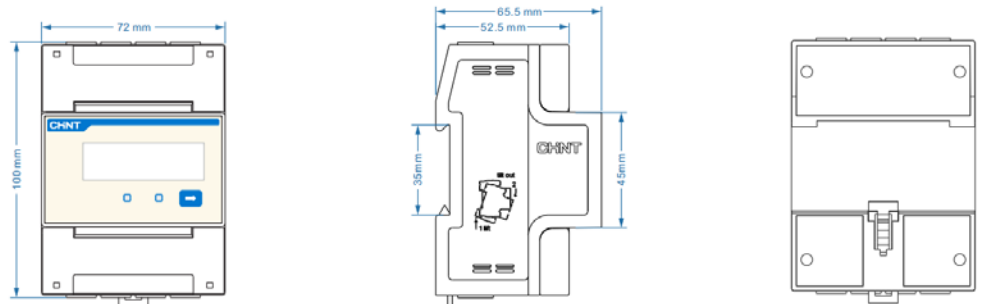
### Dimension

- 72mm $\times$ 100mm $\times$ 65.5mm
- Mounting Type: DIN35mm

## WIRING DIAGRAM



## METER DIMENSIONS



Units: mm

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