

# DTSF866

SINGLE PHASE MULTI-TARIFF ENERGY METER

# HUABANG®

HUABANG METER 华邦仪表

## APPLICATION

Three phase four wire active electronic Multi tariff energy meter is designed for electricity utilities residential to measure 50 or 60 Hz active energy consumption, the meter developed by microelectronic technology and special large-scale integrated circuits, processing by SMT technology. The Meter is adopt high reliable and long-life electric components, hi-overload, no need re-calibrate for long term operation

## FUNCTIONS

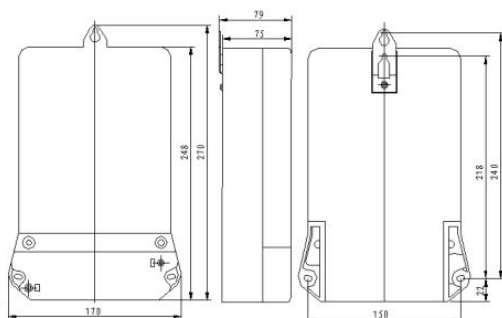
- ◆ Installation: Front board three fixed installation
- ◆ Meter cover: Transparent ABS anti flaming or transparent PC
- ◆ Meter base: ABS anti flaming      ◆ Terminal Cover: ABS anti flaming
- ◆ Display: LCD 6+2, will display during power failure, It supports automatically cyclic display mode and button pushing display mode.
- ◆ Energy Record ( forward and reverse active ) in EEPROM when power cut Meter able to keep data for at least 10 years.
- ◆ Active energy pulse output for calibration and collection of energy, outputting port type is passive isolated, Pulse width:  $80\text{ms} \pm 20\text{ms}$
- ◆ Energy History Record: 12 months of history active energy consumption
- ◆ Communication: Isolated RS485 ( MODBUS-RTU or DL/T645-2007 ),  
Infrared interface ( DL/T645-2007 or IEC 1107 )
- ◆ Time: Real time clock and date, able to resetting via RS485 wire or Infrared Com.
- ◆ Time-of-use, 4 Tariff, 8 Time Zone, 12 Segments
- ◆ Battery: It is equipped with build-in lithium battery, which could be use for at least 10years.
- ◆ Event Log: It can measure max demand and power break, record the happening time & date. Record meter resetting, time interval setting, and clock setting etc.
- ◆ Instantaneous: Voltage (V); Current (A); Frequency ( Hz ); Power (KW); Power factor (COS)
- ◆ Meter comply with international standard IEC62053-21 & IEC62052-11



## TECHNICAL PARAMETERS

Model No.	DTSF866
Accuracy	Class 1.0
Rated voltage(V)	3x220/380V, 3x230/400V, 3x240/415V
voltage range	0.8 ~ 1.2Un
Rated current	3x5(100)A
Starting current	0.4%Ib
Clock accuracy	≤0.5s/day
Operation current range	0.05Ib~ Imax
Starting current	0.4%Ib
Operation temperature	-10°C ~ +60°C
Relative humidity	≤85%

## DIMENSION



## WIRING DIAGRAM

