

# DDSF666 Single-phase Multi-tariffs Electronic Watt-hour Meter



## ● General

DDSF666 single-phase electronic multi-tariffs watt-hour meter, which can meet the requirements of rebuilding city & Countryside power net and executing peak, level, valley power price and concentrated automatic reading policy step by step. In accordance with IEC62056-21, it is convenient for the unified management of customer. With the characters such as adopting LCD or LED display, beautiful appearance, stable capability and wide temperature range, it is the ideal product for city and countryside execution time-share power fee measurement.

## ● Basic Functions

- ◆ Energy display by LCD or LED
- ◆ Large- screen display.
- ◆ Accumulating bi-directional active energy measurement.
- ◆ Max demand measurement, store and display , program setting according to the users requirement
- ◆ Record the total program times and the latest program data and time.
- ◆ Tariff and time period function
  - 1>It can be set four voluntary programmable tariffs for top, peak, valley and eight time periods in 24 hours. One of the four tariffs for top, peak, level, and valley can be set in every time period.
  - 2>Calendar, weekly public holiday and leap year automatic transfer function.
- ◆ Accident record capability
- ◆ Passive pulse output (optical coupling isolated).
- ◆ Infrared communication.

## ● Optional Functions

- ◆ RS-485 interface.
- ◆ Failure alarm
- ◆ Event log
- ◆ Prepaid function

## ● Technical Data

- ◆ Applicable standard: IEC62056-21(IEC 61036:2000)
- ◆ Accuracy class: Class 1.0 & 2.0
- ◆ Environment requirements
  - Reference temperature 23℃
  - Working temperature range:-25℃ to+55℃
  - Limit working temperature range: -40℃ to+70℃
  - Store and transportation limit temperature range: -40℃ to+70℃
- ◆ Working voltage range: 0.8Un~1.15Un.
- ◆ Power loss: Current circuit loss: <2.5VA      Voltage circuit loss: ≤1.0W(5VA)
- ◆ Error of clock time register per day: <0.5s/d
- ◆ Time period transfer error: ≤0.1s\
- ◆ Reservation battery life: ≥10 years
- ◆ Pulse out width: 80□20ms
- ◆ Outline dimension L×M×H:176×130×71mm
- ◆ Installation dimension L×M: 151.5×106

## ● Specifications

Type	Rated Voltage(V)	Reference Frequency	Basic Current(MAX)(A)
DDSF666 (LCD/LED)	110V	50Hz	1.5(6)A, 2.5(10)A, 5(20)A, 5(30)A, 10(40)A, 10(60)A, 20(80)A, 20(100)A Other customized specifications
	120V		
	220V	60Hz	
	230V		
	240V		