

# DD666 Single-phase Electromechanical Watt-hour Meter



## ● General

The product is manufactured on the base of most advanced technique in overseas and our own many years' experiences. The new design makes the meter's error curve more flat. In the structure a special lock device is used firstly in China, which can eliminate the error change influence from shock and impact. The meter is KEMA certified.

## ● Features

- ◆ Long service life with MTTF of 20 years.
- ◆ The magnetic repulsion bearing is made by the material of Al-Ni-Ti which has the advantages of high capability of coercive, stability and anti-interference to outside magnetic field. So this structure is especially fitted for the use of the hard-load and long life watt-hour meter.
- ◆ The phase adjusting can be easily completed with special designed fine adjusting unit.
- ◆ The product is equipped with the welcomed handle unit for slight load adjustment. In addition, a special designed lock unit is used to prevent the error variation from mechanical shock or vibration.

## ● Technical Data

- ◆ Applicable standard: IEC62053-11, IEC60521, IEC62052-11
- ◆ Accuracy class: Class 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℃
- ◆ Power loss
  - Current circuit: <1VA
  - Voltage circuit: <1W(5VA)
- ◆ Outline dimension L×M×H: 182×123×110mm I max >40A
- ◆ Outline dimension L×M×H: 176×123×110mm I max ≤40A
- ◆ Installation dimension L×M: 148×106mm

## ● Specifications

Type	Rated Voltage(V)	Reference Frequency	Basic Current(MAX)(A)
DD666	110V	50Hz	CT 1.5(6)A, 2.5(10)A;5(20)A, 5(30)A, 10(40)A, 10(60)A, 15(60)A, 15(90)A, 20(80)A, 30(100)A; Other customized specifications
	120V		
	220V		
	230V	60Hz	
	240V		