

High Reliability

DDS666

Single Phase Electronic Meter

Next series

CHNT

Empower the World

Instrument & Meter



- ◎ Low Power Consumption
- ◎ Bi-Direction Measurement
- ◎ Optional Display



HIGH ACCURACY



LOW CONSUMPTION



BI-DIRECTION
MEASUREMENT



ANTI-TAMPER

CHNT

Empower the World

Instrument & Meter

DDS666

Single Phase Electronic Meter

SPECIFICATIONS

Measurement

- ⊙ Compliance with IEC standard
- ⊙ Element: 1P2W
- ⊙ Accuracy: Class 1.0 for active, Class 2.0 for reactive

Voltage

- ⊙ Nominal voltage (U_n): 110V, 120V, 220V, 230V, 240V
- ⊙ Operating range: $0.75U_n \sim 1.2U_n$
- ⊙ Power consumption: $\leq 0.2W, 0.5VA$

Current

- ⊙ 5(60)A
- ⊙ 5(80)A
- ⊙ 5(100)A

Frequency

- ⊙ 50Hz or 60Hz, $\pm 5\%$

LCD Display (LCD type only)

- ⊙ 8 characters of 7 segment display
- ⊙ Display available without main power LCD Display

Register Display (Optional)

- ⊙ 5+1 display

Battery (LCD type only)

- ⊙ Built-in Battery
- ⊙ Voltage: 3.6V
- ⊙ Backup time: 15 years with power

Measured Values

- ⊙ Import/Export/Absolute/Algebraic kWh
- ⊙ Import/Export/ kvarh (LCD type only)
- ⊙ Instantaneous kW, kvar, kVA, Irms, Vrms, Frequency, Power factor (LCD type only)

Output

- ⊙ LED pulse for per kWh

Communications (LCD type only)

- ⊙ Optical port (optional)
- ⊙ RS-485 (optional)
- ⊙ Bluetooth (optional)

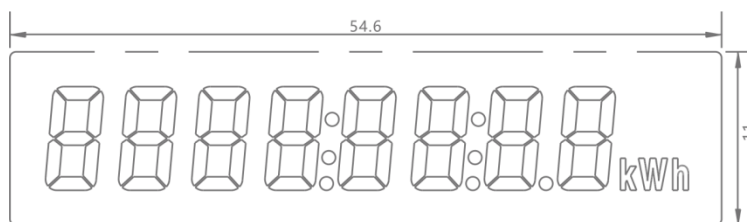
Environmental

- ⊙ Operating range limit: $-40^{\circ}C$ to $+75^{\circ}C$
- ⊙ storage range limit: $-40^{\circ}C$ to $+85^{\circ}C$
- ⊙ Relative humidity: $\leq 95\%$ RH
- ⊙ Ingress protection: IP54

Dimensions and weight

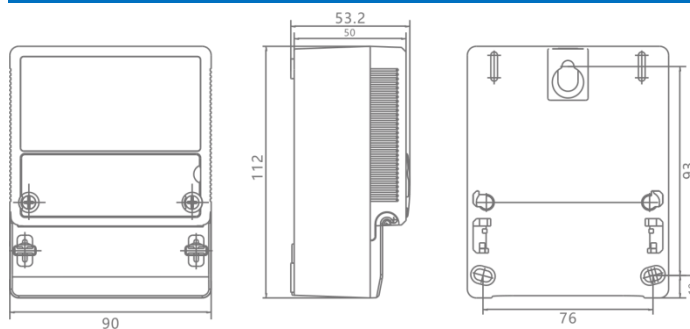
- ⊙ Dimensions: 112mm \times 90mm \times 53.2mm
- ⊙ Weight: 0.5 kg (Approx.)

LCD INDICATION



Units: mm

METER DIMENSIONS



Units: mm

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