

# Prepaid Smart Meter Technology



## DDZY502 Three-phase Prepaid Smart Meter (Remote disconnection) SPECIFICATIONS

### General

DTZY502 meter is a three-phase four-wire prepaid smart watt-hour meter with a function of remote disconnection, which is developed by us combing the latest requirements of The State Grid Corporation and the many year's experiences in meter R&D and manufacturing. Adopting the advanced measurement ASIC and MCU, the meter features high-accuracy, high-overload, low-power-consuming, high-reliability, excellent security and excellent performance.

### Features

- Intelligent control functions of prepayment, pre-alarming and load controlling.
- Parameter metering, such as, power, voltage, current, demands, load and so on.
- Automatic meter reading and data storing.
- Recording the events of under-voltage, under-current, outage and programming, etc.
- Supporting remote meter controlling through RS485 and infrared communication ports.
- Wide operating temperature from -25C to +55C and limit operating temperature from -45C to +70C.
- Excellent anti-interference ability that is the meter will maintain high accuracy and long-term stability even in harsh environmental conditions.

### Specifications:

Model	DDZY 502
Accuracy	1.0, 2.0
Reference Voltage (V)	220
Basic Current (A)	3×1.5 (6), 3×5 (20), 3×10 (40), 3×15 (60)
Normal operating voltage	0.8Un ~ 1.15Un (expandable)
Power consumption of the voltage circuit	≤ 2 W
Power consumption of the current circuit	≤ 1 VA
Normal operating temperature	-25 C ~ +55 C
The humidity of Storage and Operating	≤ 85%
Display	LCD
Displaying range	0 ~ 999999.99 kWh
Communication baud rate	2,400 bps ( default )
Dimensions	190mm × 170mm × 85mm
Weight (kg)	2.0 kg