

# MPG123E

## MPG123E Single-phase Prepaid Meter GPRS Type Smart Meter



### MPG123E

MPG123E single-phase prepaid meter GPRS type smart meter takes digital medium as information exchange media. It is an active energy meter in which users load pre-purchased electricity as amount of money, and it deducts money as per set tariff and consumption. MCU and UIU communicate via current loop to realize the functions of active energy measurement and pre-payment control. MCU includes measurement unit, real-time clock unit, load switch and other auxiliary equipment, while UIU includes numeric keypad interface and display.

### Basic Functions

- Event recording
- Tamper detection.
- Reverse consumption measured as forward.
- Demand calculation
- Over load detecting and controlling.
- Detect grid parameters including real-time power, voltage, current and power factor.
- Wake up by pressing button after power outage.
- Low Credit alerting

### Options

- Real time clock (RTC)
- Multi tariff
- Un-Interrupted Power for Friendly Days
- AMI integrated Interchangeable from prepaid to postpaid