

## HMGE150 智能配电仪表 INTELLIGENT POWER DISTRIBUTION INSTRUMENTATION



### ■ Performance Specifications

#### 1. Measurement parameters

Voltage 220/380V or 0.2 57.7/100V

0.2 Current 1A or 5A

Power 0.5°

Electrical degrees 1.0 degrees

Frequency 0.01Hz

Power Factor 0.5

#### 2. Characteristics of Electromagnetic

Compatibility

Electrostatic interference IEC61000-4-2

Radiation Immunity IEC61000-4-3

Transient speed Immunity IEC61000-4-4

Surge Immunity IEC61000-4-5

Spread Radio Frequency Interference

IEC55022

Radiation Radio Frequency Interference

IEC55022

#### 3. Working power

AC85V~265V,DC80V~300V

#### 4. Overload characteristics

Continuous input current 1.2 times, 10 times the current moment / s; voltage 2 times / sec

#### 5. Dielectric Strength 2KV

#### 6. Working conditions

Ambient temperature -20° C~+70° C

Storage temperature -40° C~+85° C

Relative humidity 5%~95%, No Gel

### ■ Function Features

1. Full-power remote control, high precision measurement, 3U, 3I, HZ, PF, P, Q, kwh, kvarh Parameters, measurement accuracy 0.5
2. Power quality analysis, Harmonic voltage monitor 31, 31 times current harmonic monitoring, K factor analysis of three-phase current, Three-phase voltage crest factor, Three-phase voltage and current imbalance, Three-phase voltage and current imbalance
3. Energy Measurement function, Forward and reverse power measurement, the rate of 8 hours
4. Energy Measurement, Unique power-pulse output function, a more accurate energy metering
5. Large-capacity switch input and relay output, 0 ~ 11 optional output switch module, 0 ~ 5 Relay Output Module
6. Cross the line setting alarm, Telemetry values can be set more alarm off the ceiling, or more, and drive the output relay; telemetry values can be selected current, voltage, frequency, parameters such as imbalance
7. DI or DO can be selected alarm state drive
8. Transmitter output function, Optional 4 ~ 20mA analog output function
9. Event Log (SOE) function, 64 event log, the installation of power-down is not lost; time resolution of 1ms, the number of event log can be extended
10. Communication network, RS485 communication interface, Modbus Statute communications; may also increase the Profibus communication module; constitute a distribution automation system.