



**QIAOYU**

每一处细节、我们都在乎、每一道  
工序、我们都做到零失误。  
We care about every detail、We make zero  
mistakes in every process



乔宇

品质  
服务  
创新

**浙江乔宇电气有限公司**  
ZheJiang QiaoYu Electric Co.,Ltd.



乔宇电气—  
致力于智能、精确、安全、高效环保的高中低压  
变配电产品及系统集成解决方案

And Technology—

Committed to intelligent, accurate, secure, and efficient environmental protection in  
low voltage Power distribution products and systems integration solutions



# 企业简介

## ENJOY BRILLIANT AND INNOVATIVE

不断创新 精彩无限

To Improve By Science And Technology,  
To Exit By High Quality To Be Efficient By Managemet,  
To Get Market By Faith

浙江乔宇电气科技有限公司自成立以来一直致力于为工业自动化控制提供全面服务，长期为用户提供先进技术和优质服务。以精确、可靠、节能、环保的智能配电产品满足电力系统各方位的需求。

公司专业设计、生产、销售数显电测表（交直流电流电压、频率、功率因数、相位表）、可编程智能仪表、多功能（网络）电力监测仪、电量变送器、电动机保护器等。产品广泛应用于冶金、石化、电力、建筑、市政、环保、国防、水利等行业，部分产品已与成套设备一起出口，产生了较大的社会影响和经济效益，个别产品也已经间接运用到了ABB工程项目、白俄罗斯电厂、法国电信、奥运工程等重大项目之中。

公司设有专门的技术研发中心，具有了一支年轻的产品开发队伍。配备了先进的试验设备，制定了系统软件、通讯协议安全可靠运行测试规范。并与国内部分著名大学单片机中心组成为产学研联合体。

公司主要产品均通过国家有关检测机构型式试验，并取得证书。公司已全面通过ISO9001质量管理体系，一贯坚持“以质量求生存，以科技求发展，以管理出效益”的经营方针，坚持“一切为用户服务”的经营宗旨，与社会各界朋友真诚合作，以电力仪表、热工仪表为基础，逐步发展为以智能化配电产品为主体的高科技企业。

我们迈龙人将以精湛的工艺，卓越的品质为您竭诚服务！

zhe j i a n g q i a o y u Technology Co.,Ltd.,and since its inception has been committed to providing comprehensive services to industrial automation and control, long-term to provide users with advanced technology and quality service. To accurate, reliable,energy saveing, environmental protection,intelligent power distribution products to meet The demand for electric power systems all places.

Company specializes in design,production,sales digital electrical measuring table(AC and DC current and voltage,Frequency,power, powerfactor,phase meter),programmable intellingent instruments,multi-function (Network Network)power monitor,power transducer,intelligent reactive power compensation controller.Products are widely used in metallurgy, petrochemical,power,construction,municipal,environmental protection, national defense,water and other Industry,some products have been exported along with the equipent, creating a greater social impact and economic benefits,individual products has also been indirectly applied to the ABB project,Belarus Ross Power,France Telecom,the Olympic project and other major projects.

The company has specialized in technology research and development center,with a team of young product development team.Equipped with a dvanced test equipment to develop the system software,communication protocols,security Reliability run test specifications.And with the domestic part of the famous university research consortium composed of single-chip center.

Our main products have passed the national inspection agency for the type test,and obtain a certificate.The company has passed ISO9001 quality management system,always adhere to "quality Survival,technology development,management system,always adhere to"quality Survival,technology development,management efficiency"business policy,adhere to the"all for customer service"business purposes,to cooperate sincerely with friends from all circles to power Meter,thermal meter,based on the gradual development of an intelligent power distribution products as the main high-tech enterprises.

We and the people will craftsmanship,outstanding quality for your dedicated service!



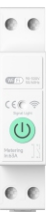
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| 样式<br>Style                                                                         | 名称<br>name                                                                                                          | 型号<br>Type   | 规格参数<br>Specifications | 尺寸<br>Size | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|------------------------|------------|-------------------------|
|    | 双显过切压保护器<br>Adjustable voltage current protector<br>(Single phase ,4 buttons ,dual display)                         | QY2P-40S     | 40A                    | 2P         | 100                     |
|                                                                                     |                                                                                                                     | QY2P-63S     | 63A                    | 2P         | 100                     |
|                                                                                     |                                                                                                                     | QY2P-80S     | 80A                    | 2P         | 100                     |
|    | 三显过切压保护器<br>Adjustable voltage current protector<br>(Single phase ,3 display,Electric meter measurement)            | QY2P-63P     | 63A                    | 2P         | 100                     |
|                                                                                     |                                                                                                                     | QY2P-80P     | 80A                    | 2P         | 100                     |
|   | Wifi带计量过切压保护器（涂鸦版）<br>Single phase V/A protector<br>Leakage protectormeter functioncolor LCD screen*smart control " | QY2P-63PLEL  | 63A                    | 2P         | 100                     |
|                                                                                     |                                                                                                                     | QY2P-63LWEL  | 63A                    | 2P         | 100                     |
|  | 三相双显独立控制过切压保护器<br>Adjustable voltage current protector (Three-phase ,dual display ,independent control)             | QY4P-63S3    | 63A                    | 4P         | 40                      |
|                                                                                     |                                                                                                                     | QY4P-100S3   | 100A                   | 4P         | 40                      |
|  | 单相智能双电源转换开关<br>Single phase intelligent dual power conversion switch-2 Power                                        | QY4P-63ATS2  | 63A                    | 4P         | 40                      |
|                                                                                     |                                                                                                                     | QY4P-100ATS2 | 100A                   | 4P         | 40                      |
|  | 单相智能双电源转换开关<br>Single phase intelligent dual power conversion switch-3 Power                                        | QY4P-63ATS3  | 63A                    | 4P         | 40                      |
|                                                                                     |                                                                                                                     | QY4P-100ATS3 | 100A                   | 4P         | 40                      |
|  | 三相智能双电源转换开关<br>Three phase intelligent dual power conversion switch                                                 | QY8P-63ATS   | 63A                    | 8P         | 20                      |
|                                                                                     |                                                                                                                     | QY8P-100ATS  | 100A                   | 8P         | 20                      |

| 样式<br>Style                                                                         | 名称<br>name                                                                                   | 型号<br>Type    | 规格参数<br>Specifications                  | 尺寸<br>Size                           | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------|-----------------------------------------|--------------------------------------|-------------------------|
|    | 单相智能断路器<br>带WiFi<br>Single-phase smart switch<br>with WiFi                                   | KWS-101WF     | 63A +wifi                               | 1P                                   | 100                     |
|    | 单相智能断路器<br>带WiFi<br>Single-phase smart switch<br>with WiFi                                   | KWS-102WF     | 63A<br>wifi+Kwh                         | 1P                                   | 100                     |
|   | 单相智能断路器<br>带WiFi<br>Single-phase smart switch<br>with WiFi                                   | KWS-103WF     | 63A<br>wifi+Kwh<br>voltage<br>protector | 1P                                   | 100                     |
|  | 单相智能多功能<br>断路器<br>Single-phase intelligent<br>multifunction display<br>Switch                | KWS-303       | 63A                                     | 1P                                   | 100                     |
|  | 单相智能多功能<br>断路器带wifi<br>Single-phase intelligent<br>multifunction display<br>Switch with WiFi | KWS-303WF     | 63A+wifi                                | 1P                                   | 100                     |
|  | 多功能数字电表<br>Multifunctional electricity<br>digital meter                                      | D52-2066      | 100A                                    | L:80<br>W:54<br>H:64<br>mm           | 60                      |
|                                                                                     |                                                                                              | D52-2066 WIFI | 100A                                    |                                      |                         |
|  | 多功能数字电表<br>Multifunctional electricity<br>digital meter                                      | D48-2058      | 100A                                    | L:47<br>W:49<br>H:15+38<br>Φ22<br>mm | 100                     |

| 样式<br>Style                                                                         | 名称<br>name                                     | 型号<br>Type | 规格参数<br>Specifications                  | 尺寸<br>Size | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|------------------------------------------------|------------|-----------------------------------------|------------|-------------------------|
|    | 单相导轨电流表<br>Single-phase rail ammeter           | QY1P-A     | I: 1-100A<br>F: 50-60Hz<br>U: AC50-500V | 1P         | 50                      |
|    | 单相导轨电压表<br>Single-phase rail voltmeter         | QY1P-V     | F: 50-60Hz<br>U: AC50-500V              | 1P         | 100                     |
|   | 频率表<br>Frequency table                         | QY1P-F     | F: 50-60Hz<br>U: AC50-500V              | 1P         | 100                     |
|  | 单相AVF组合表<br>Single phase AVF combination table | QY1P-VAF   | I: 1-100A<br>F: 50-60Hz<br>U: AC50-500V | 1P         | 50                      |
|  | 三相电流表<br>Three-phase ammeter                   | QY1P-3A    | I: 1-100A<br>F: 50-60Hz<br>U: AC50-500V | 1P         | 50                      |
|  | 三相电压表<br>Three-phase voltmeter                 | QY1P-3V    | F: 50-60Hz<br>U: AC50-500V              | 1P         | 100                     |
|  | 单相导轨电能表<br>Single-phase rail energy meter      | QY1P-WH    | I: 1- 40A<br>F: 50-60Hz<br>U: AC50-500V | 1P         | 100                     |

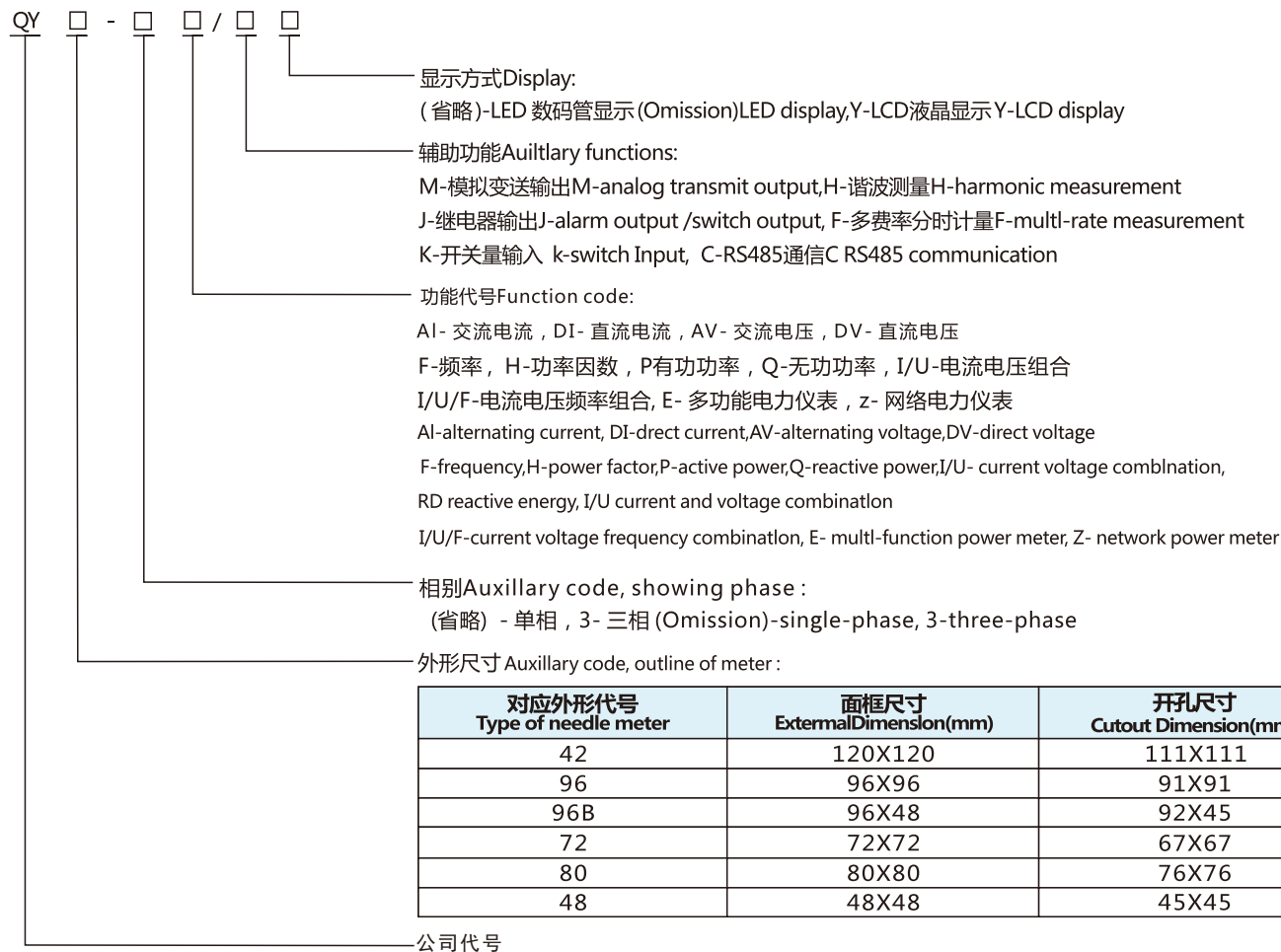
| 样式<br>Style                                                                         | 名称<br>Name                                                 | 型号<br>Type                       | 功能<br>Function                                                                                      | 尺寸<br>Size | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|------------|-------------------------|
|    | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY2P-UID/Y<br>AC 0-100A<br>220V  | 测量电流<br>电压<br>电能<br>RS485通讯(选配)<br>Measure current, voltage, and electrical energy. RS485(optional) | 2P         | 100                     |
|    | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY2P-UID/YS<br>AC 0-100A<br>220V | 测量电流<br>电压<br>电能<br>RS485通讯(选配)<br>Measure current, voltage, and electrical energy. RS485(optional) | 2P         | 100                     |
|   | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY2P-UID<br>AC 0-100A<br>220V    | 测量电流<br>电压<br>电能<br>RS485通讯(选配)<br>Measure current, voltage, and electrical energy. RS485(optional) | 2P         | 100                     |
|  | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY2P-E<br>AC 0-100A<br>220V      | 测量电流、电压、功率、电能<br>RS485(选配)<br>Measure current, voltage, power, electrical energy, RS485(optional)   | 2P         | 100                     |
|                                                                                     |                                                            |                                  |                                                                                                     |            |                         |
|                                                                                     |                                                            |                                  |                                                                                                     |            |                         |
|                                                                                     |                                                            |                                  |                                                                                                     |            |                         |



| 样式<br>Style | 名称<br>Name                                                 | 型号<br>Type                          | 功能<br>Function                                                                                                         | 尺寸<br>Size | 装箱数<br>quantity per box |
|-------------|------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------|-------------------------|
|             | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY4P-DDSC<br>AC 10(40)A<br>220V     | 测量电流<br>电压<br>电能<br>RS485通讯<br>Measure current, voltage, and electrical energy. RS485                                  | 4P         | 48                      |
|             | 单相导轨电能表<br>Single-phase rail-mounted electric energy meter | QY4P-DDSD<br>AC 10(40)A<br>220V     | 测量电流、电压、频率、功率、功率因数、电能, RS485<br>Measure current, voltage, frequency, power, power factor, and electrical energy, RS485 | 4P         | 48                      |
|             | 三相导轨电能表<br>Three-phase rail-mounted energy meter           | QY4P-DTSC<br>AC 1.5(6)A<br>220/380V | 测量电流<br>电压<br>电能<br>RS485通讯<br>Measure current, voltage, and electrical energy. RS485                                  | 4P         | 48                      |
|             | 三相导轨电能表<br>Three-phase rail-mounted energy meter           | QY4P-DTSD<br>AC 1.5(6)A<br>220/380V | 测量电流、电压、频率、功率、功率因数、电能, RS485<br>Measure current, voltage, frequency, power, power factor, and electrical energy, RS485 | 4P         | 48                      |
|             | 三相导轨电能表<br>Three-phase rail-mounted energy meter           | QY4P-DTSC<br>AC0.5-100A<br>220/380V | 测量电流<br>电压<br>电能<br>RS485通讯<br>Measure current, voltage, and electrical energy. RS485                                  | 4P         | 48                      |
|             | 三相导轨电能表<br>Three-phase rail-mounted energy meter           | QY4P-DTSD<br>AC0.5-100A<br>220/380V | 测量电流、电压、频率、功率、功率因数、电能, RS485<br>Measure current, voltage, frequency, power, power factor, and electrical energy, RS485 | 4P         | 48                      |
|             | 三相导轨电能表<br>Three-phase rail-mounted energy meter           | QY7P-DTSC<br>AC 1.5(6)A<br>220/380V | 测量电流<br>电压<br>电能<br>RS485通讯<br>Measure current, voltage, and electrical energy. RS485                                  | 7P         | 36                      |

| 样式<br>Style                                                                         | 名称<br>Name                                                | 型号<br>Type | 功能<br>Function                                                                                  | 尺寸<br>Size<br>(mm) | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|--------------------|-------------------------|
|    | 单相电流表<br>Single-phase ammeter                             | QY48-AI-B  | 测量电流<br>Measure current<br>I: 1-5000/5A<br>F: 40-70HZ                                           | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-AI-B  |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-AI-B  |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-AI-B  |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|    | 单相电压表<br>Single-phase voltmeter                           | QY48-AV-B  | 测量电压<br>Measure voltage<br>F: 40-70HZ<br>U:AC 80-500V                                           | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-AV-B  |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-AV-B  |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-AV-B  |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|   | 频率表<br>Frequency table                                    | QY48-F-B   | 测量频率<br>Measure frequency<br>F: 40-70HZ<br>U:AC 80-500V                                         | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-F-B   |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-F-B   |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-F-B   |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|  | 单相电流电压频率表<br>Single phase current voltage frequency meter | QY48-UAF-B | 测量电流、电压、频率<br>Measure current, voltage, frequency<br>I: 1-5000/5A<br>U:AC 80-500V<br>F: 40-70HZ | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-UAF-B |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-UAF-B |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-UAF-B |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|  | 三相电流表<br>Three-phase ammeter                              | QY48-3AI-B | 测量电流<br>Measure current<br>I: 1-5000/5A<br>F: 40-70HZ                                           | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-3AI-B |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-3AI-B |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-3AI-B |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|  | 三相电压表<br>Three-phase voltmeter                            | QY48-3AV-B | 测量电压<br>Measure voltage<br>F: 40-70HZ<br>U:AC 80-500V                                           | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                           | QY72-3AV-B |                                                                                                 | 面板72*72<br>开孔68*68 |                         |
|                                                                                     |                                                           | QY80-3AV-B |                                                                                                 | 面板80*80<br>开孔76*76 |                         |
|                                                                                     |                                                           | QY96-3AV-B |                                                                                                 | 面板96*96<br>开孔91*91 |                         |
|                                                                                     |                                                           |            |                                                                                                 |                    |                         |

## 型号含义 Model Name



## 规格选择 Specification Matching

| 功能<br>Function<br>型号系列<br>Model series | 测量<br>Measurement           | 扩展功能(选配) Extended function(optional) |                          |                           |                            |                                 | 显示 Display |     |
|----------------------------------------|-----------------------------|--------------------------------------|--------------------------|---------------------------|----------------------------|---------------------------------|------------|-----|
|                                        |                             | PTC温度测量<br>Temperature measurement   | 开关量输入<br>DI Switch Input | 开关量输出<br>DO Switch Output | 变送输出<br>AO Variable output | 通讯接口<br>Communication interface | LED        | LED |
| 单相电流表                                  | 交流电流<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | √          | —   |
| 单相电流液晶表                                | 交流电流<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | —          | √   |
| 单相电压表                                  | 交流电压<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | √          | —   |
| 单相电压液晶表                                | 交流电压<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | —          | √   |
| 三相电流表                                  | 交流电流<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | √          | —   |
| 三相电流液晶表                                | 交流电流<br>Alternating current | —                                    | 6                        | 2                         | 2                          | 1                               | —          | √   |
| 三相电压表                                  | 交流电压 AC voltage             | —                                    | 6                        | 2                         | 2                          | 1                               | √          | —   |
| 三相电压液晶表                                | 交流电压 AC voltage             | —                                    | 6                        | 2                         | 2                          | 1                               | —          | √   |
| 三相多功能表                                 | 交流电压 AC voltage             | 6                                    | 6                        | 2                         | 2                          | 1                               | √          | —   |
| 三相多功能液晶表                               | 交流电压 AC voltage             | 6                                    | 6                        | 2                         | 2                          | 1                               | —          | √   |

注: 标准最大可实现辅助功能6DI12DO12AO, 每加一路 PTC 温变测量会占用开关量两路空间, 如一路PTC, 最大辅助功能改为 1P TC+4DI+2DO+2AO

技术指标 Technical Index

|                                         |                                                   |                                                                                                                                       |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 测量精度<br>Accuracy Measurement            | 电压 Voltage                                        | 0.2 级 Class或 0.5级 Class                                                                                                               |
|                                         | 电流 Electric current                               | 0.2 级 Class或 0.5级 Class                                                                                                               |
|                                         | 有功功率 Active power                                 | 0.5 级 Class                                                                                                                           |
|                                         | 无功功率 Reactive power                               | 0.5 级 Class                                                                                                                           |
|                                         | 功率因数 Power factor                                 | 0.5 级 Class                                                                                                                           |
|                                         | 频率 Frequency                                      | $\pm 0.02\text{Hz}$                                                                                                                   |
|                                         | 有功电能 Active power                                 | 0.2 级 Class或 0.5级 Class                                                                                                               |
|                                         | 无功电能 Reactive power                               | 1 级 Class 或 2 级 Class                                                                                                                 |
| 信号输入 Signal Input                       | 接线方式 Connection mode                              | 单相、三相四线、三相三线 Single phase, three-phase four wire, three-phase three wire                                                              |
|                                         | 额定电压 Rated voltage                                | AC 57.7V、AC100V、AC 220V、AC 380V                                                                                                       |
|                                         | 额定电流 Rated current                                | AC 1A、AC 5A                                                                                                                           |
|                                         | 过负载 Overload                                      | 电压: 1.2倍 (持续), 2倍 /1 秒 (瞬时)<br>Voltage: 1.2 times (sustained), 2 times / sec (Instantaneous)                                          |
|                                         |                                                   | 电流: 1.2倍 (持续), 10 倍 /5秒 (瞬时)<br>Current: 1.2 times (sustained), 10 times /5 seconds (instantaneous)                                   |
|                                         | 功耗 Power waste                                    | 电压: $<1\text{VA}/\text{相}$ , 电流: $<0.4\text{VA}/\text{相}$ Voltage: $<1\text{VA}/\text{phase}$ , current: $<0.4\text{VA}/\text{phase}$ |
|                                         | 阻抗 Impedance                                      | 电压: $>300\text{k}\Omega$ , 电流: $<20\text{m}\Omega$<br>Voltage: $>300\text{k}\Omega$ , current: $<20\text{m}\Omega$                    |
|                                         | 频率 FrequenCy                                      | 45 ~ 65Hz                                                                                                                             |
| 辅助电源<br>Auxillary power supply          | 工作范围 Working range                                | AC/DC: 80V~270V/AC220V                                                                                                                |
|                                         | 功耗 Power waste                                    | $<4\text{VA}$                                                                                                                         |
| 功能模块<br>Function module                 | 通讯接口<br>Communication interface                   | 支持 1 路 RS-485通讯, Modbus-RTU协议<br>Supports 1 RS-485 communication, Modbus-RTU protocol                                                 |
|                                         |                                                   | 波特率: 1200 ~ 9600bps, 默认 2400 bps<br>1200 ~ 9600bps, the default baud rate: 2400 BPS                                                   |
| 外形尺寸<br>Dimensions(mm)                  | 面框尺寸 Box size                                     | 48X48; 96X48; 72X72; 80X80; 96X96                                                                                                     |
|                                         | 开孔尺寸 Hole size                                    | 45X45; 91X45; 67X67; 76X76; 91X91                                                                                                     |
| 环境<br>Environment                       | 工作温度<br>Operational environment                   | $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$                                                                                        |
|                                         | 存储温度<br>Storage environment                       | $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$                                                                                        |
|                                         | 相对湿度<br>Relative humidity                         | $\leq 93\%$ , 无腐蚀性气体场所 $\leq 93\%$ , In the palce without corrosive gas                                                               |
|                                         | 海拔<br>Helght above sea level                      | $\leq 2500\text{m}$                                                                                                                   |
| 安全<br>Safety                            | 绝缘电阻<br>Insulation resistance                     | $>100\text{M}\Omega$                                                                                                                  |
|                                         | 交流耐压<br>AC withstand voltage                      | AC2KV                                                                                                                                 |
| 电磁兼容性能<br>Electro Magnetic Compatiblity | 静电放电<br>Electro-Static d ischarge                 | 4 级 Class4                                                                                                                            |
|                                         | 电快速瞬变脉冲群<br>Electrical Fast Transient pulse train | 4 级 Class4                                                                                                                            |
|                                         | 浪涌(冲击)<br>Electrical surge                        | 4 级 Class4                                                                                                                            |

| 样式<br>Style                                                                         | 名称<br>Name                                         | 型号<br>Type   | 功能<br>Function                                                                                                                                           | 尺寸<br>Size<br>(mm) | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|----------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
|    | 单相电流表(LED)<br>Single-phase ammeter(LED)            | QY48-AI-24   | 测量电流<br>Measure current<br>I: 1-5000/5A<br>F: 45-65HZ<br>Power Supply<br>AC/DC80-265V                                                                    | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-AI-24   |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-AI-24   |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-AI-24   |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|    | 单相电流表(LCD)<br>Single-phase ammeter(LCD)            | QY48-AIY-24  | 测量电流<br>Measure current<br>I: 1-5000/5A<br>F: 45-65HZ<br>Power Supply<br>AC/DC80-265V                                                                    | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-AIY-24  |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-AIY-24  |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-AIY-24  |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|   | 单相电压表(LED)<br>Single-phase voltmeter(LED)          | QY48-AV-24   | 测量电压<br>Measure voltage<br>F: 45-65HZ<br>U: AC 10-450V<br>Power Supply<br>AC/DC80-265V                                                                   | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-AV-24   |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-AV-24   |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-AV-24   |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|  | 单相电压表(LCD)<br>Single-phase voltmeter(LCD)          | QY48-AVY-24  | 测量电压<br>Measure voltage<br>F: 45-65HZ<br>U: AC 10-450V<br>Power Supply<br>AC/DC80-265V                                                                   | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-AVY-24  |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-AVY-24  |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-AVY-24  |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|  | 单相多功能仪表<br>Single-phase multifunctional meter(LED) | QY72-E-24    | 测量电流, 电压, 频率, 功率, 功率因数, 电能, RS485通讯<br>Measure I, U, F, P, PF, kWh, RS485<br>F: 45-65HZ<br>U: AC 10-450V<br>I: 1-5000/5A<br>Power Supply<br>AC/DC80-265V | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-E-24    |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-E-24    |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相电流表(LED)<br>Three-phase ammeter(LED)             | QY48-3AI-24  | 测量三相电流<br>Measure three-phase current<br>I: 1-5000/5A<br>F: 45-65HZ<br>Power Supply<br>AC/DC80-265V                                                      | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-3AI-24  |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-3AI-24  |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-3AI-24  |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相电流表(LCD)<br>Three-phase ammeter(LCD)             | QY48-3AIY-24 | 测量三相电流<br>Measure three-phase current<br>I: 1-5000/5A<br>F: 45-65HZ<br>Power Supply<br>AC/DC80-265V                                                      | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                    | QY72-3AIY-24 |                                                                                                                                                          | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                    | QY80-3AIY-24 |                                                                                                                                                          | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                    | QY96-3AIY-24 |                                                                                                                                                          | 面板96*96<br>开孔91*91 | 54                      |



| 样式<br>Style                                                                         | 名称<br>Name                                                       | 型号<br>Type   | 功能<br>Function                                                                                | 尺寸<br>Size<br>(mm) | 装箱数<br>quantity per box |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------|--------------------|-------------------------|
|    | 三相电压表 (LED)<br>Three phase voltmeter (LDE)                       | QY48-3AV-24  | 测量三相电压                                                                                        | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                                  | QY72-3AV-24  | Measure three-phase voltage                                                                   | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | QY80-3AV-24  | F: 45-65HZ<br>U:AC 10-450V<br>Power Supply                                                    | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                                  | QY96-3AV-24  | AC/DC80-265V                                                                                  | 面板96*96<br>开孔91*91 | 54                      |
|    | 三相电压表 (LCD)<br>Three phase voltmeter (LCE)                       | QY48-3AVY-24 | 测量三相电压                                                                                        | 面板48*48<br>开孔44*44 | 100                     |
|                                                                                     |                                                                  | QY72-3AVY-24 | Measure three-phase voltage                                                                   | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | QY80-3AVY-24 | F: 45-65HZ<br>U:AC 10-450V<br>Power Supply                                                    | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                                  | QY96-3AVY-24 | AC/DC80-265V                                                                                  | 面板96*96<br>开孔91*91 | 54                      |
|   | 三相多功能电力仪表 (LED)<br>Three phase multifunctional power meter (LED) | QY72-3E-24   | 测量电流, 电压, 频率, 功率, 功率因数, 电能, RS485通讯                                                           | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | QY80-3E-24   | Measure I, U, F, P, PF, kWh, RS485                                                            | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                                  | QY96-3E-24   | F: 45-65HZ<br>U:AC 10-450V<br>I:1-5000/5A<br>Power Supply                                     | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相多功能电力仪表 (LCD)<br>Three phase multifunctional power meter (LCD) | QY72-3EY-24  | 测量电流, 电压, 频率, 功率, 功率因数, 电能, RS485通讯                                                           | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | QY80-3EY-24  | Measure I, U, F, P, PF, kWh, RS485                                                            | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                                  | QY96-3EY-24  | F: 45-65HZ<br>U:AC 10-450V<br>I:1-5000/5A<br>Power Supply                                     | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相多功能电力仪表 (LCD)<br>Three phase multifunctional power meter (LCD) | QY72-3HY-24  | 测量电流, 电压, 频率, 功率, 功率因数, 电能, RS485通讯, 2-31次谐波                                                  | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | QY80-3HY-24  | Measure I, U, F, P, PF, kWh, RS485 2-31st THD                                                 | 面板80*80<br>开孔76*76 | 60                      |
|                                                                                     |                                                                  | QY96-3HY-24  | F: 45-65HZ<br>U:AC 10-450V<br>I:1-5000/5A<br>Power Supply                                     | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相多功能电力仪表 (LED)<br>Three phase multifunctional power meter (LED) | EM-06-72-24  | 测量三相电流, 电压, 频率                                                                                | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | EM-06-96-24  | Measure I, U, F, P<br>F: 45-65HZ<br>U:AC 10-450V<br>I:1-5000/5A<br>Power Supply               | 面板96*96<br>开孔91*91 | 54                      |
|  | 三相多功能电力仪表 (LED)<br>Three phase multifunctional power meter (LED) | EM-05-72-24  | 测量三相电流, 电压, 频率, 电流电压最大值, 需量                                                                   | 面板72*72<br>开孔68*68 | 60                      |
|                                                                                     |                                                                  | EM-05-96-24  | Measure I, U, F, P, MAX I, MAX U<br>F: 45-65HZ<br>U:AC 10-450V<br>I:1-5000/5A<br>Power Supply | 面板96*96<br>开孔91*91 | 54                      |



科技 · 创新 · 奉献

Science&technology  
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## Engineering Accomplishment / 工程业绩



电力行业



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化工行业



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|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 北京电厂     | 上海宝钢改造工程 | 厦深铁路     | 西气东送工程   | 海螺水泥     |
| 大唐电厂     | 首钢轧钢系统改造 | 邯济铁路     | 苏丹喀士穆炼油厂 | 浙江水泥     |
| 首钢       | 锡钢改造工程   | 贵广铁路     | 安庆石化     | 北京琉璃河水水泥 |
| 广东沙角B电厂  | 中铝山西分公司  | 沪宁铁路     | 合肥化工     | 南京大连山水泥  |
| 上海吴泾电厂   | 柳钢轧钢系统改造 | 洛湛铁路     | 中远氢纶工程   | 黑龙江小岭水泥  |
| 河南安阳热电厂  | 攀钢改造工程   | 深圳地铁     | 苏州化工     | 海南水泥厂    |
| 江苏新源热电   | 武钢轧钢系统改造 | 重庆轻轨     | 兰化 兰炼    | 拉发基水泥    |
| 吉林长春热电二厂 | 马钢轧钢系统改造 | 邵永高速     | 大庆油田     | 甘肃祁连山水泥  |
| 深圳南山热电厂  | 包钢热轧生产线  | 青银高速     | 中原油田     | 苏州金猫水泥   |
| 哈尔滨热电厂   | 鞍钢多条生产线  | 甬金高速     | 河南油田     | 江西万年青水泥  |
| 福州华能电厂   | 湖北鄂州钢厂   | 武合高速公路   | 连云港化工    | 宁夏赛马水泥   |
| 江西新昌电厂   | 江苏常熟钢厂   | 重庆石忠高速公路 | 抚顺石油     | .....    |
| 大唐安阳发电厂  | 山东莱芜钢铁   | 南京高铁     | 天津石油     |          |
| 国电吴忠热电厂  | 太原钢铁公司   | 浙江高速公路   | 胜利油田     |          |
| 阜康发电厂    | 长治钢铁公司   | 江苏高速公路   | .....    |          |
| 辽宁清河发电厂  | 山西河津铝厂   | 福建高速公路   |          |          |
| 福建永安火电厂  | 河南中美铝业   | .....    |          |          |
| 南宁发电厂    | 杭州钢铁公司   |          |          |          |
| .....    | .....    |          |          |          |