2023

Kangtai®

www.kangtai.com.cn



Technical Department



Assembly workshop



Automatic Plug Component
Assembly Equipment



SMT Production line



AOI test



Incoming inspection



ACCURATE ARRAY SPECTROMETER



RED(FCC)/Safety Lab



Temprature Rising Test



RoHS test Machine

Company Profile

Since 1995, Kangtai Electric Co., Ltd is well known as a technology and export orientated enterprise, and now focusing on developing, manufacturing and exporting smart home (security) systems. Till now, Kangtai has more than 200 domestic or international patents, meanwhile, the company owns authentications from BSCI, ISO9001, ISO14001 and OHSAS18001, etc. there are also municipality-level Technology Developing Center, Molding Manufacturing Center as well as ISO Laboratory.

Kangtai produces for customers all around the world, Main focus are Smart home (Security) system 433.92Hz, WiFi smart system, remote controlled socket, wireless door chime, smart LED bulb voltage testers etc. Kangtai has certification with GS, CE, RED, ETL, FCC etc.

Kangtai has approximately 200 machines, such as, “DEK” PAST Printing solder machine, “Yamaha” SMT machine, “Vitronics-soltec” reflow machine, “SAKI” Automatic Optical inspection machine, Automatic injection machine, Automatic assembly equipment, “ROHDE & SCHWARZ” frequency spectrograph, RoHS x-ray spectrograph, Auto-Temperatured LED Opto-electronic Analyzeretc.

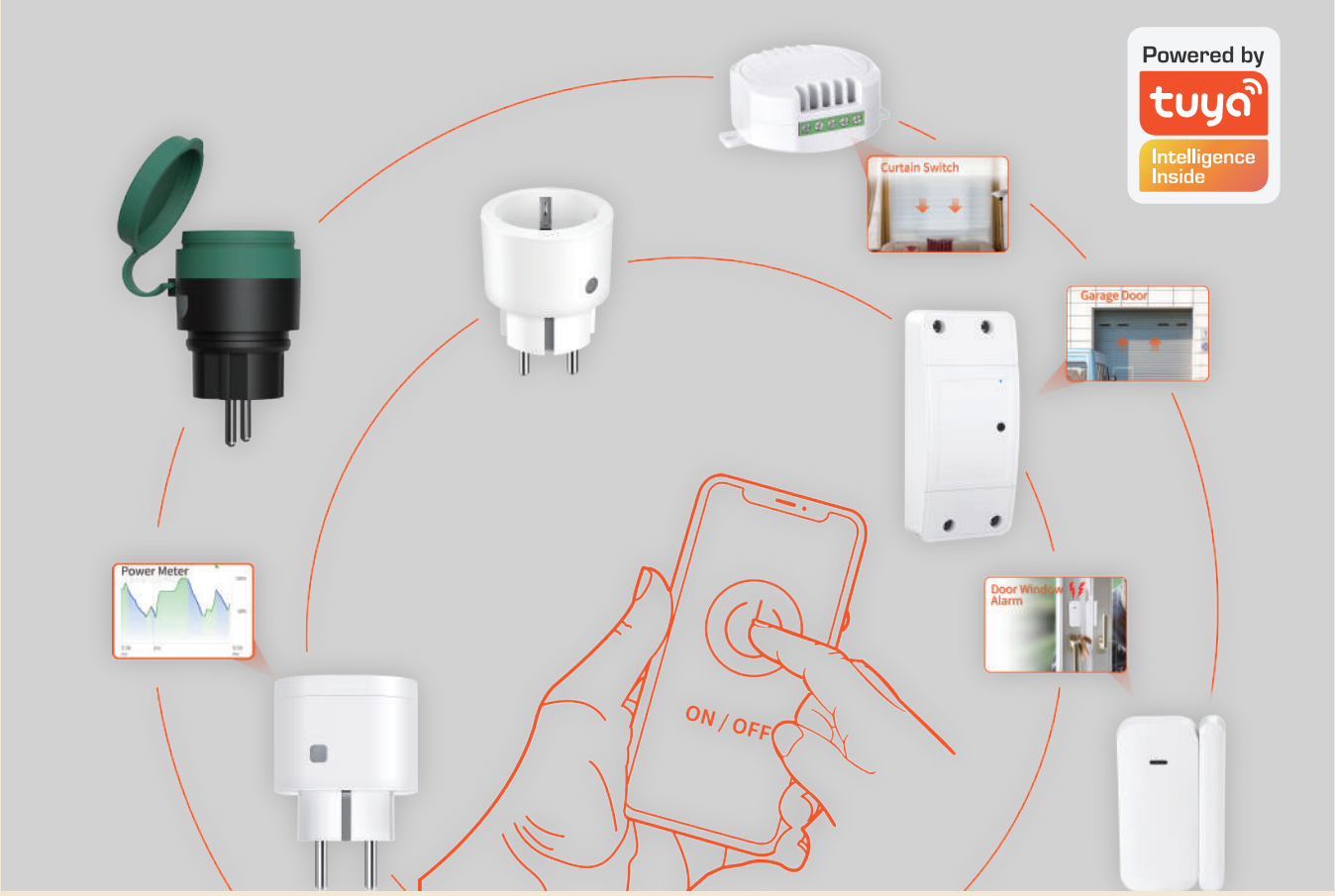
Kangtai focus on technological innovation, and management innovation, cooperates with overseas management consulting company to do information system management and lean manufacture management, improves managerial and technical levels, enhances market competitiveness. More than 5% turnover is applied for technology research and development and technology improvement.

Member of China smart home industry alliance council
Vice-Director-General Unit of Low-voltage Electric Appliance Committee Branch of China
Committee Member of China Tools and Hardware Standard Association
Vice-President Unit of Electric Industrial Committee of Zhejiang Province
Vice-President Unit of High-tech Enterprise Committee of Wenzhou City

Intertek
Intertek Bauart geprüft
Sedex

ISO9001:2015
ISO14001:2015
ISO45001:2018
Original Manufacturer & Exporter

Wi-Fi Series



Key Specifications & Feature:

- Tuya Smart or Customized solution
- Matter Compatible
- Works with iOS and Android devices
- Support Google Assistant and Amazon Alexa
- Network support: IEEE802.11b/g/n
- Voltage: 120V , 230V , 240V
- Max. Load: 2300W, 3680W
- Standby: ＜ 1 W
- IP20 / IP44
- Approval: CE RED BG FCC ETL RoHS Reach

Wi-Fi Series (2300W)

Wi-Fi Socket

- Model: 51231 / 51231FR
- Load power: 2300W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



51231



51231FR

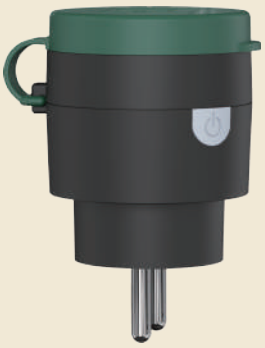
Wi-Fi Socket Outdoor

- Model: 52137 / 52137FR
- Load power: 2300W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Waterproof level: IP44
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



52137



52137FR

2.4GHz Only | App Control | Voice Control | Group Control

Timer Function | Countdown | Family Sharing | Away Mode

Wi-Fi Series (3680W)

Wi-Fi Socket

- Model: 51236 / 51236FR
- Load power: 3680W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



51236



51236FR

Wi-Fi Socket Outdoor

- Model: 52152 / 52152FR
- Load power: 3680W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Waterproof level: IP44
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



52152



52152FR

2.4GHz Only | App Control | Voice Control | Group Control

Timer Function | Countdown | Family Sharing | Away Mode

Wi-Fi Series (UK / USA)

Wi-Fi Socket

- Model: 51261
- Load power: 3120W, 240V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control



51261

Wi-Fi Socket

- Model: 51268
- Load power: 1200W, 120V~ 60Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control



51268

Wi-Fi Socket Outdoor

- Model: 52157 / 52158
- Load power: 1800W, 120V~ 60Hz
- Network support: IEEE802.11b/g/n
- Waterproof level: IP44
- Tuya Smart / Voice control



52157



52158

Wi-Fi Series (Energy Meter)

Wi-Fi Socket

- Model: 51203X36 / 51203FRX36
- Load power: 3680W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



51203X36



51203FRX36

Wi-Fi Socket Outdoor

- Model: 52153X36 / 52153FRX36
- Load power: 3680W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Waterproof level: IP44
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



52153X36



52153FRX36

2.4GHz Only | App Control | Voice Control | Group Control

Energy Meter | Timer Function | Countdown | Family Sharing | Away Mode

Wi-Fi Series (App Control and Remote Control)

Wi-Fi Socket

- Model: 51297 + 50174
  Model: 51297FR + 50174
- Load power: 2300W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



51297 51297FR 50174

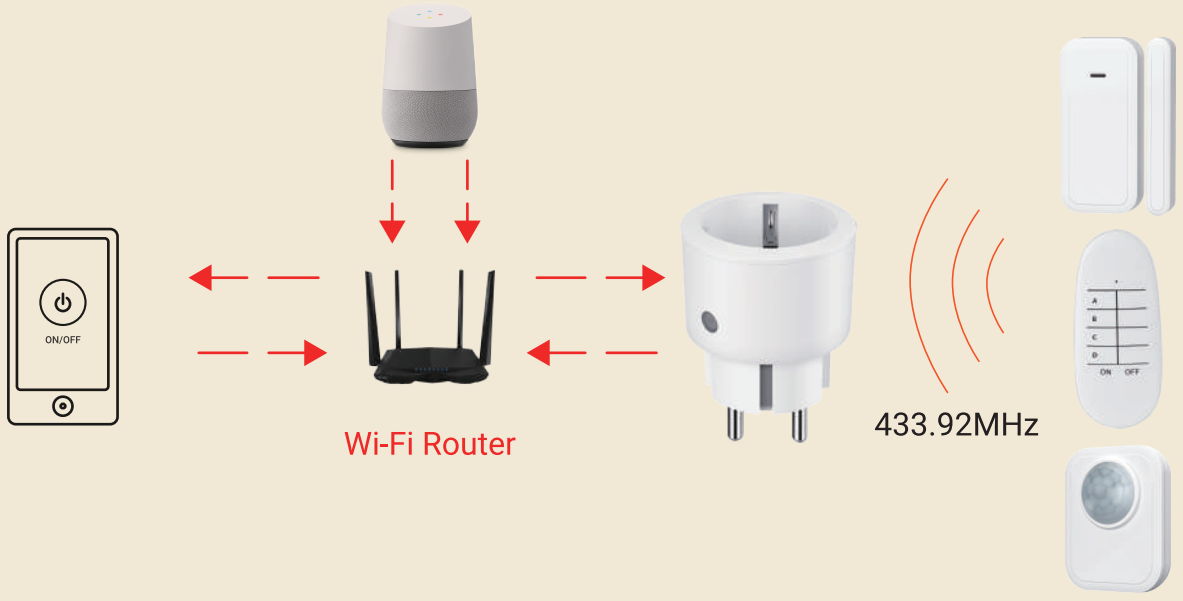
Wi-Fi Socket Outdoor

- Model: 52145 + 50174
  Model: 52145FR + 50174
- Load power: 2300W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Waterproof level: IP44
- Tuya Smart / Voice control

CE RED Intertek Deutschland Bauart geprüft



52145 52145FR 50174



Wi-Fi Switch

Wi-Fi Switch

- Model: 51250
- Load power: 1000W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED



51250

Wi-Fi Up/Down Shutter Switch

- Model: 51251
- Load power: 300W, 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control

CE RED



51251

Wi-Fi Garage Door Controller

- Model: 51252
- Load power: 120V~ 60Hz / 230V~ 50Hz
- Network support: IEEE802.11b/g/n
- Tuya Smart / Voice control
- Standby＜1W

CE RED ETL FC



51252

Remote Control Socket



Key Specifications & Feature:

- Frequency: 433.92MHz
- Voltage: 120V , 230V , 240V
- Max. Load: 1000W, 2300W, 3680W
- Standby: ＜ 0.5 W
- Range: 50 meters
- Transmitter: CR2032 3V (included)
- IP20 / IP44
- Approval: CE RED BG FCC ETL RoHS Reach

Remote Control Socket

Mini Remote Control Socket

- Model: 51230 + 50175
  Model: 51230FR + 50175
- Load power: 2300W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Standby: ＜0.5W

CE RED Intertek Deutschland Bauart geprüft



51230 51230FR 50175

Mini Remote Control Socket Outdoor

- Model: 52119 + 50123
  Model: 52119FR + 50123
- Load power: 2300W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Waterproof level: IP44
- Standby: ＜0.5W

CE RED Intertek Deutschland Bauart geprüft



52119 52119FR 50175

Long Range | Energy Saving | Mini Design | LED Indicator | IP44

Remote Control Socket (3680W)

Remote Control Socket

- Model: 51107X36 + 50123
  Model: 51107FRX36 + 50123
- Load power: 3680W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Standby: ＜0.5W



51107X36　51107FRX36　50123

CE RED Intertek Deutschland Bauart geprüft

Remote Control Socket Outdoor

- Model: 52023X36 + 50123
  Model: 52023FRX36 + 50123
- Load power: 3680W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Waterproof level: IP44
- Standby: ＜0.5W



52023X36　52023FRX36　50123

CE RED Intertek Deutschland Bauart geprüft

Long Range | Energy Saving | Mini Design | LED Indicator | IP44

Remote Control Socket

Remote Control Socket

- Model: 55201 + 50075
  Model: 55201FR + 50075
- Load power:
  1000W, 2000W, 3680W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Standby: ＜0.5W



55201 55201FR 50075

CE RED Intertek Deutschland Bauart geprüft

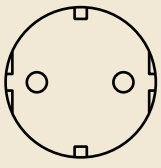
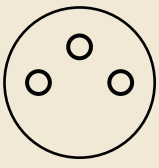
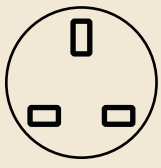
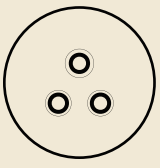
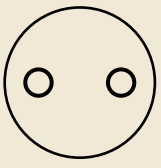
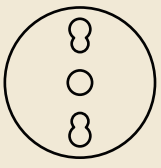
Remote Control Socket

- Model: 55701 + 50075
  Model: 55701FR + 50075
- Load power:
  1000W, 2000W, 3680W, 230V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Waterproof level: IP44
- Standby: ＜0.5W



55701 55701FR 50075

CE RED Intertek Deutschland Bauart geprüft

TYPE A	TYPE B	TYPE C	TYPE E	TYPE F	TYPE G
					
GERMAN	FRENCH	BRITISH	SWITZERLAND	DANISH	ITALY

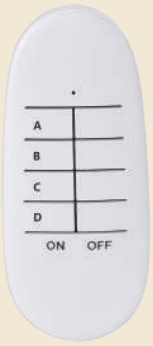
Remote Control Socket (UK / USA)

Remote Control Socket

- Model: 51260 + 50123
- Load power: 3120W, 240V~ 50Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Standby: ＜0.5W



51260



50123

Remote Control Socket

- Model: 51267 + 50123
- Load power: 1200W, 120V~ 60Hz
- Transmitter: CR2032 3V (included)
- Range: Max. 50m (open air)
- Standby: ＜0.5W



51267



50123

Remote Control Socket

- Model: 55821 / 52085
- Load power: 1800W, 120V~ 60Hz
- Range: Max. 50m (open air)
- Waterproof level: IP44
- Standby: ＜0.5W



55821



50051



52085



50137

433.92 MHz

Keychain Remote Control（Sender）
NO.50051



Frequency:	433.92MHz
Battery:	CR2032 3V
Battery life time:	approx.1 year
Range:	25 meters

Motion Detector（Sender）
NO.50082



Frequency:	433.92MHz
Battery:	CR2477 3V
Battery life time:	approx.1 year
Range:	40 meters
PIR detection range:	≥7m
PIR detection area:	110°

Wall Switch（Sender）
NO.50056



Frequency:	433.92MHz
Battery:	CR2032 3V
Battery life time:	approx.1 year
Range:	25 meters

Radio Controlled Wall Mounted Switch
NO.51052



Frequency:	433.92MHz
Load power:	1000W, 230VAC
Range:	Max. 30m

Wall Switch（Sender）
NO.50057



Frequency:	433.92MHz
Battery:	CR2032 3V
Battery life time:	approx.1 year
Range:	25 meters

Up / Down Switch
NO.51051



Frequency:	433.92MHz
Load power:	300W, 230V~ 50Hz
Range:	Max. 30m

Magnetic Switch（Sender）
NO.50068



Frequency:	433.92MHz
Battery:	CR2450 3V
Battery life time:	approx.1 year
Range:	40 meters

Radio Controlled Set
NO.51050



Frequency:	433.92MHz
Load power:	1000W, 230V~ 50Hz
Range:	Max. 30m

CE RED

Wireless Doorbell



Key Specifications & Feature:

- Battery powered doorbell / Plug-in doorbell / Plug through doorbell / Kinetic doorbell / Vibration doorbell
- Flash / Night light / Melody selection / Volume adjustment / Working mode selection
- Easy learning
- Energy saving
- Frequency: 433.92 MHz
- Range: 100-300 meters open air
- Melodies: 16-38 melodies
- Transmitter: CR2032 3V (included)
- Transmitter: IP44
- Approval: CE RED FCC ETL RoHS Reach

Wireless Doorbell

DC / AC Wireless Doorbell

98175(DC): 2X1.5V AA
98176(AC): 120V , 230V , 240V
90022: CR2032 3V

Range up to(open air): 150m

Ringtones: 36

Volume: 3 Levels

Transmitter waterproof level: IP44



98175
DC(battery)



98176
AC(plug in)



90022

Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	Approval
Easy to install	Flexible pairing	Energy saving	ABS flame retardant material	High sound quality High volume	CE RED RoHS Reach

DC / AC Wireless Doorbell

98310(DC): 2X1.5V AA
98311(AC): 120V , 230V , 240V
90050: CR2032 3V

Range up to(open air): 150m

Ringtones: 38

Volume: 4 Levels

Transmitter waterproof level: IP44

With LED Flashing Signal



98310
DC(battery)



98311
AC(plug in)



90050

Wireless Doorbell

DC / AC Wireless Doorbell

98395(DC): 3X1.5V AA
98396(AC): 120V , 230V , 240V
90062: CR2032 3V

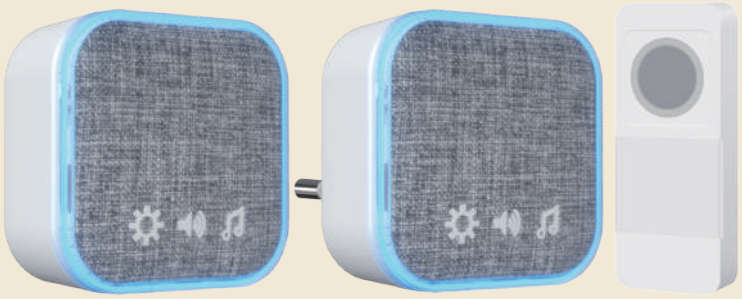
Range up to(open air): 150m

Ringtones: 36

Volume: 4 Levels

Transmitter waterproof level: IP44

With LED Flashing Signal



98395
DC(battery)

98396
AC(plug in)

90062

Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	Approval
Easy to install	Flexible pairing	Energy saving	ABS flame retardant material	High sound quality High volume	CE RED RoHS Reach

DC / AC Wireless Doorbell

98439(DC): 3X1.5V AA
98440(AC): 120V , 230V , 240V
90094: CR2032 3V

Range up to(open air): 200m

Ringtones: 36

Volume: 4 Levels

Transmitter waterproof level: IP44

With LED Flashing Signal



98439
DC(battery)

98440
AC(plug in)

90094

Wireless Doorbell

DC Wireless Doorbell

98406(DC): 3X1.5V AA
90062: CR2032 3V

Range up to(open air): 200m

Ringtones: 38

Volume: 4 Levels

Transmitter waterproof level: IP44

With LED Flashing Signal



98406
DC(battery)



90062

Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	Approval
Easy to install	Flexible pairing	Energy saving	ABS flame retardant material	High sound quality High volume	CE RED RoHS Reach

DC / AC Wireless Doorbell

98413(DC): 3X1.5V AA
98414(AC): 120V , 230V , 240V
90094: CR2032 3V

Range up to(open air): 200m

Ringtones: 36

Volume: 4 Levels

Transmitter waterproof level: IP44

With LED Flashing Signal



98413
DC(battery)



98414
AC(plug in)

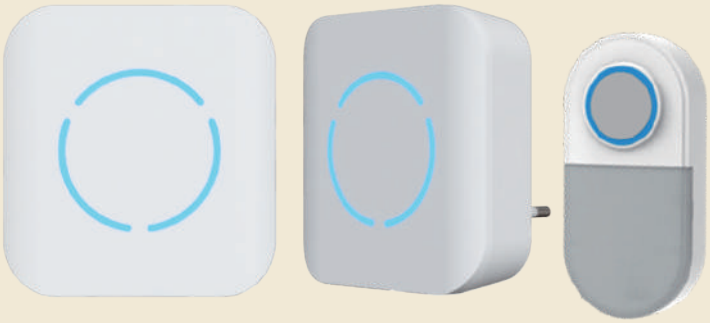


90094

Wireless Doorbell

DC / AC Wireless Doorbell

- 98441(DC): 3X1.5V AA
  98442(AC): 120V , 230V , 240V
  90094: CR2032 3V
- Range up to(open air): 200m
- Ringtones: 36
- Volume: 4 Levels
- Transmitter waterproof level: IP44
- With LED Flashing Signal



98441
DC(battery)

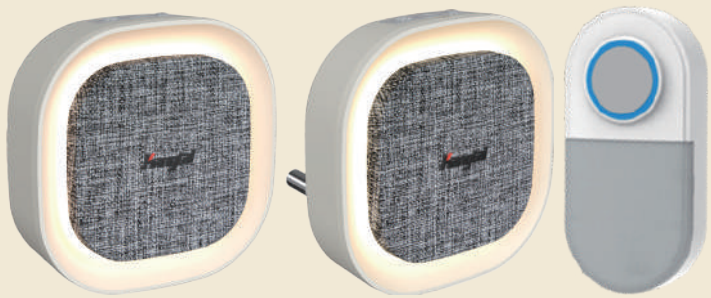
98442EU
AC(plug in)

90094

Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	Approval
Easy to install	Flexible pairing	Energy saving	ABS flame retardant material	High sound quality High volume	CE RED FCC ETLRoHS Reach

DC / AC Wireless Doorbell

- 98433(DC): 3X1.5V AA + USB
  98434(AC): 120V , 230V , 240V
  90094: CR2032 3V
- 98433(DC): With USB port
- 98434(AC): Night light design
- Range up to(open air): 200m
- Ringtones: 36
- Volume: 4 Levels
- Transmitter waterproof level: IP44
- With LED Flashing Signal



98433
DC(battery + USB)

98434EU
AC(plug in)

90094

Kinetic Wireless Doorbell

- 98431EU: 120V , 230V , 240V
- Night light design
- Light sensing
- Range up to(open air): 150m
- Ringtones: 36
- Volume: 4 Levels
- Transmitter waterproof level: IP55
- With LED Flashing Signal

Kinetic Wireless Doorbell



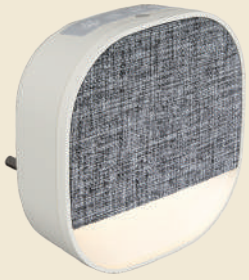
98431EU
AC(plug in)



90096

- 98435(AC): 120V , 230V , 240V
- Night light design
- Range up to(open air): 150m
- Ringtones: 36
- Volume: 4 Levels
- Transmitter waterproof level: IP55
- With LED Flashing Signal

Kinetic Wireless Doorbell



98435
AC(plug in)



90096

- 98275EU: 120V , 230V , 240V
- Range up to(open air): 150m
- Ringtones: 38
- Volume: 4 Levels
- Transmitter waterproof level: IP44
- With LED Flashing Signal

Kinetic Wireless Doorbell



98275EU
AC(plug in)



90047

Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	Approval
Easy to install	Flexible pairing	Energy saving	ABS flame retardant material	High sound quality High volume	CE RED RoHS Reach

Tester Series

All-Weather Water-Resistant Tester No.6877-18

AC voltage test-contact, 70 to 250VAC
AC voltage test-non-contact 70 to 600VAC
DC voltage test up to 2500VDC
Polarity test, 3V to 36VDC
Continuity check, O to 50M ohm
Self-test: Extra-safe
Magnetic screwdriver tip
Water-resistant; Durable
P.C.Housing



High Sensitivity Circuit Tester No.6889-68B

Non-contact Test
AC voltage test range: 200 to 600VAC
by direct contact method
Self-test
Continuity test
Used to detect microwave leakage



Digital Voltage Tester No.6878-28D

AC/DC voltage test range: 12,36,55,110 to 220V
Neon lamp & LCD display for double safety
No batteries needed
Continuity check
Voltage Meas: 50-500Hz
Patented



MultiFunction Electrical Electronic Tester No.6885-48

AC voltage test-contact, 70 to 250VAC
AC voltage test-non-contact 70 to 1000VAC
DC voltage test,loop contact 1.5 to 36VDC
DC voltage test, direct contact 70 to 250VDC
Polarity check 3 to 36VDC
Continuity check, O to 100M ohm
High-low sensitivity switch;
LED and buzzer indication
Compact, handy;
Adjustable sense arm
Battery test; Self-test
Detects negative ions



Digital Voltage Tester No.6878-28B

AC/DC voltage test range: 12,36,55,110 to 220V
LCD display for double safety
No batteries needed
Continuity check



Digital Voltage Tester No.6878-28C

AC/DC voltage test range: 12,36,55,110 to 220V
LCD display for double safety
No batteries needed
Continuity check



Tester Series

Voltage Tester No.6875-17150

ø3.5 × 140mm
Test Range: 200-250VAC



Voltage Tester No.6875-2 in 1

ø3× 140mm
ø3.5 × 190mm
Test Range: 200-250VAC



Voltage Tester No.6875-304A

ø3.5 × 190mm
Test Range: 200-250VAC



Voltage Tester No. 6890-62(3 in 1)

Rated Voltage Range: 120-500V
Voltage display:
110-220-380VAC 150-300-500VDC
Voltage Meas: 50-500Hz
Input current: Is<52mA at 400VAC



Voltage Tester No.6875-201C

ø03 × 140mm
Test Range: 200-250VAC
Patented



Voltage Tester No.6890-63(8 in 1)

Rated Voltage Range:6-400V
Type of display: 6-12-24-50-110-220-380V LED
Input current: Is<52mA at 380VAC
Polarity display: visual(+)(-)
Voltage Meas: 50-500Hz



Voltage Tester No.6875-304C

ø3.5 × 190mm
Test Range: 200-250VAC
Patented



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E-mail:cyhk@kangtai.com.cn

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