



■ AC Plug Type for Wall Mount Type

AC plug type	2 pin Euro	2 pin USA	2 Pin China	2 pin AU	2 pin JP	2 pin KR	2 pin AR	2 pin BR	3 pin UK	3 pin South Africa
Shape No.	KRE24E-PoE	KRE24U-PoE	KRE24C-PoE	KRE24S-PoE	KRE24J-PoE	KRE24K-PoE	KRE24R-PoE	KRE24BR-PoE	KRE24BS-PoE	KRE24Z-PoE

■ AC inlet Type for Desktop Type

Insulation Class	Class I	Class I	Class II
AC inlet type	3 pole IEC320-C6	3 pole IEC320-C14	2 pole IEC320-C8
Shape No.	KRE24A-PoE-C6	KRE24A-PoE-C14	KRE24B-PoE-C8

■ Features

- Universal AC input Full range
- 2 pole US, EU, AU/NZ, EK, JP, AR,CN and 3 pole UK or ZA plug, Class II power unit
- No load power consumption< 0.1W
- Energy efficiency Level VI
- Comply with EISA 2007 / DoE and NRCan
- Passive and Active available
- 10/100Mbps Megabit, 10/100/1000Mbps Gigabit available
- IEEE802.3t, 3u, 3ab,3af standards
- Delivers data & power
- Cost-effective, ultra-fast connectivity
- Fully enclosed plastic case
- Wide range working temperature

■ Applications

- IP phone • Telecommunication devices
- Wireless AP • Security surveillance camera



■ Description

KRE24x-PoE is a highly reliable, 24W wall-mounted and desktop style Power over Ethernet adaptor series. This product is a class II power unit (no FG) and Class I with FG power unit, standard AC power plug; Full load o/p voltage tolerance: $\pm 5\%$ 2.SCP,OLP,OVP,OCP protections,auto recovery. The entire series supplies different models with output voltages ranging between 5VDC and 56VDC that can satisfy the demands for various types of consumer electronic devices.

**■ Characteristics****Input:****AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Leakage Current

0.25A maximum at 264VAC

Inrush Current (Cold Start at ambient 25° C)30A for 120VAC and maximum load 60A for 240VAC
at maximum load**Input Power Saving**

0.1W maximum at no load

Output: Efficiency

Meet energy saving efficiency level VI.

Hold-up Time

10mS minimum at 120VAC and maximum load

Environmental Temperature

Operation 0 to +40° C

Non-operation -40 to +85° C

Humidity 10-90% non-condensing

Short-Circuit Protection

Auto restart

Emissions

Complies with FCC Class B Complies with EN55032 Class B

Immunity

AN/NZS CISPR32/33

EN55024 J55022(H22)

EN61000-4-2 Level EN61000-4-3 Level

EN61000-4-4 Level EN61000-4-5 Level

EN61000-4-6 Level EN61000-4-8 Level

EN61000-4-11 Level EN61000-3-2 Level

EN61000-3-3 Level

GB9254+GB1762

Dielectric Withstand (Hi-pot) Test Primary to Secondary:

3750V AC for 1 min., 10mA

Primary to F.G.: 1500V AC for 1 min., 10mA

Output type

Megabit Data+Power 10/100Mbps

Gigabit Data+Power 10/100/1000Mbps

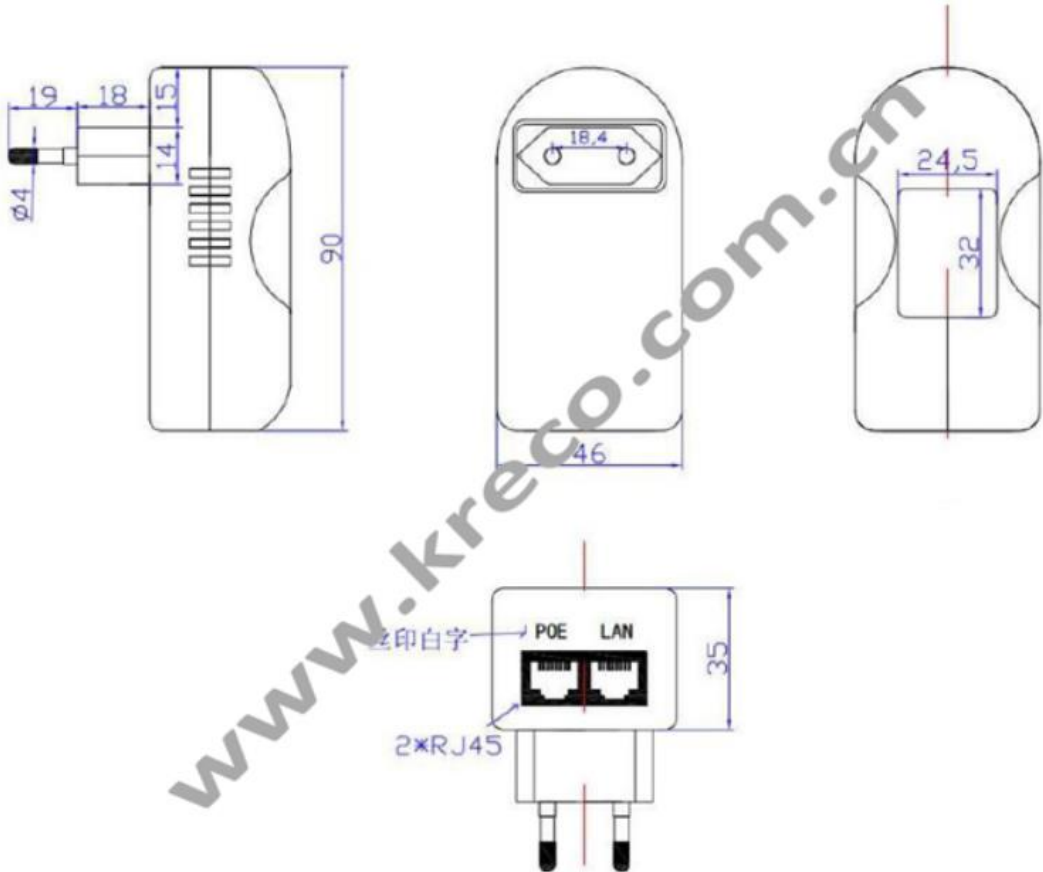
Mating Connector

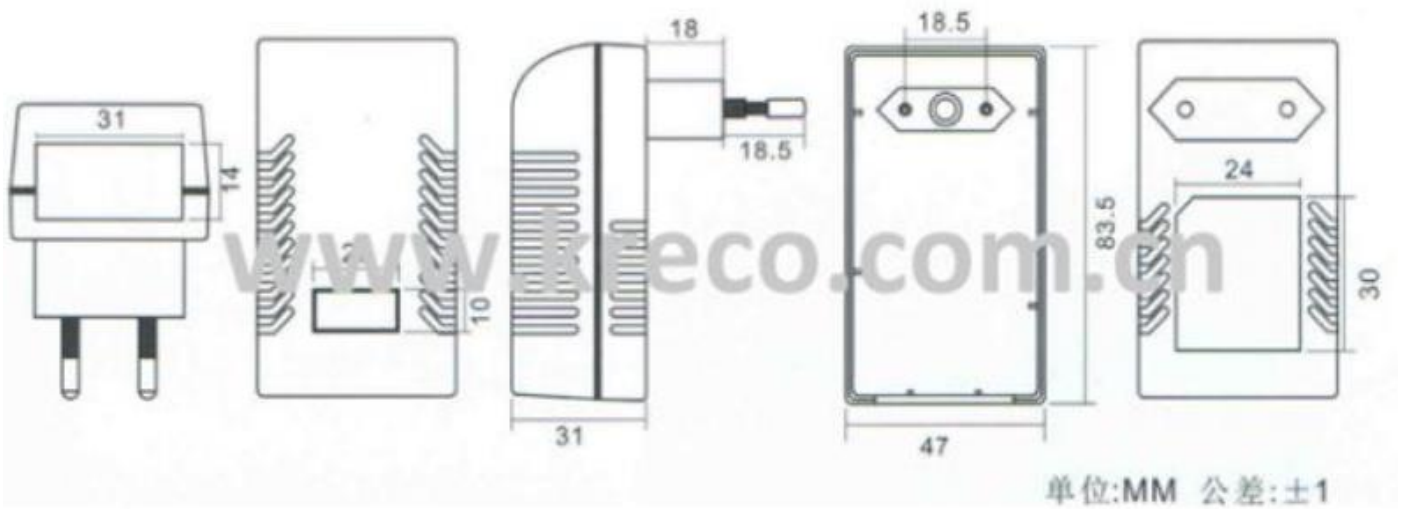
RJ45

Output Specifications

KRECO P/N (see note)	DC Output Voltage	Load		Output Power	Safety Approvals	Energy Saving Level	Standards
		Min	Max				
KRE024SPS-xxxxyyzf or KRE-xxxxyyZ or LY024SPS-xxxxyyzf	5.0- 14.9V	0.01A	3.0A	24W max	UL/CUL/FCC,CE/GS/EMC,TUV/BS,RCM ,CCC/CQC,EK,PSE	V&VI	EN/IEC62368, UL62368
	15.0- 48.0V	0.01A	1.6A	24W max	UL/CUL/FCC,CE/GS/EMC,TUV/BS,RCM ,CCC/CQC,EK,PSE	V&VI	EN/IEC62368, UL62368

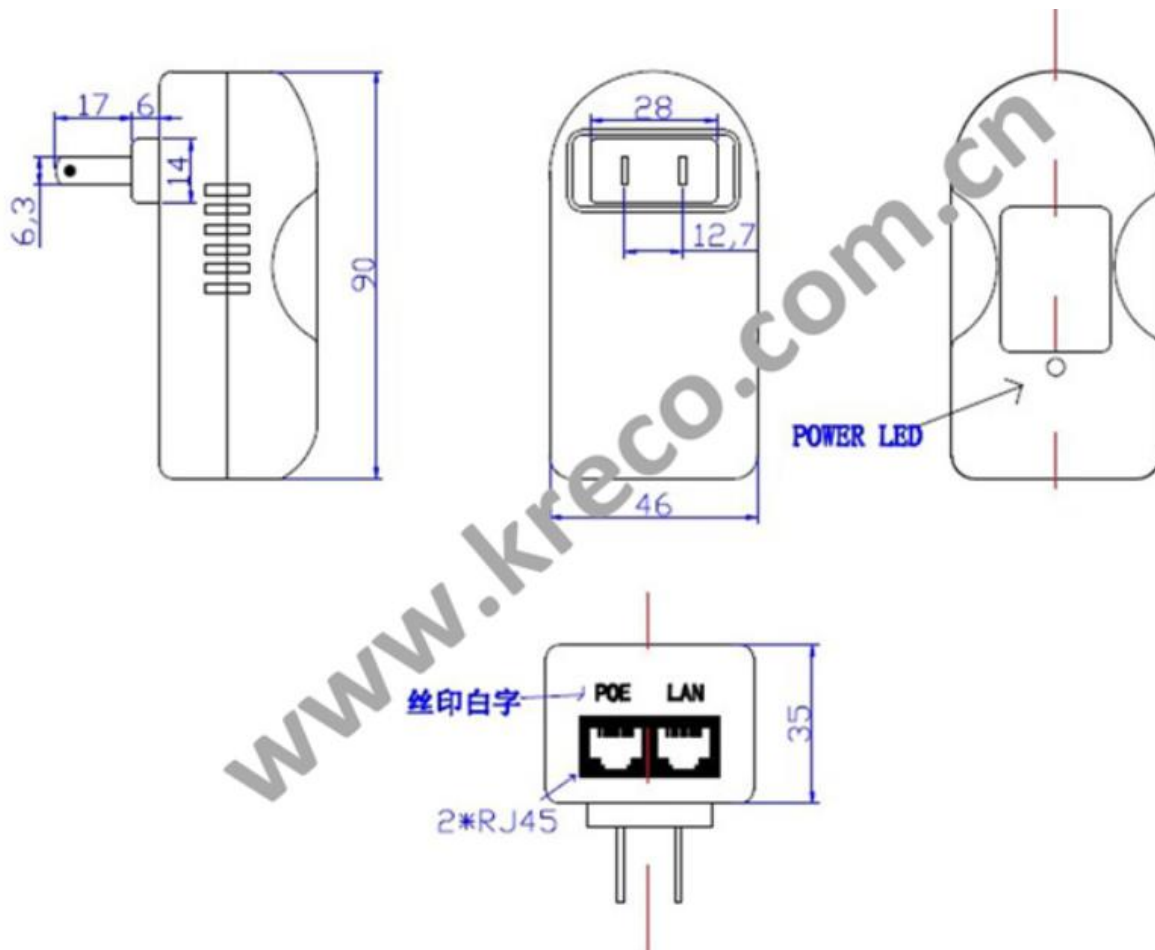
Dimension Diagram for KRE24E-PoE, KRE24BR-PoE Unit:mm

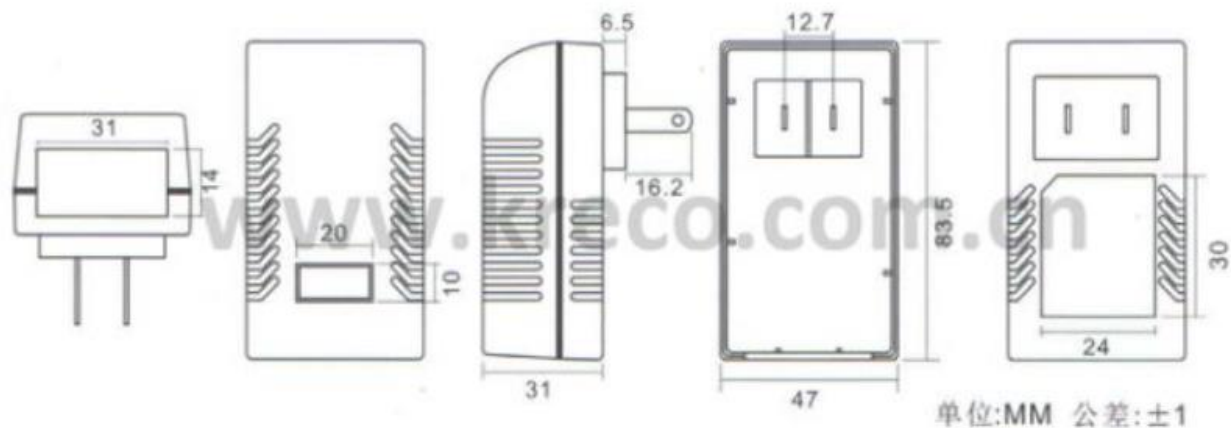




■ Dimension Diagram for KRE24U-PoE and KRE24J-PoE

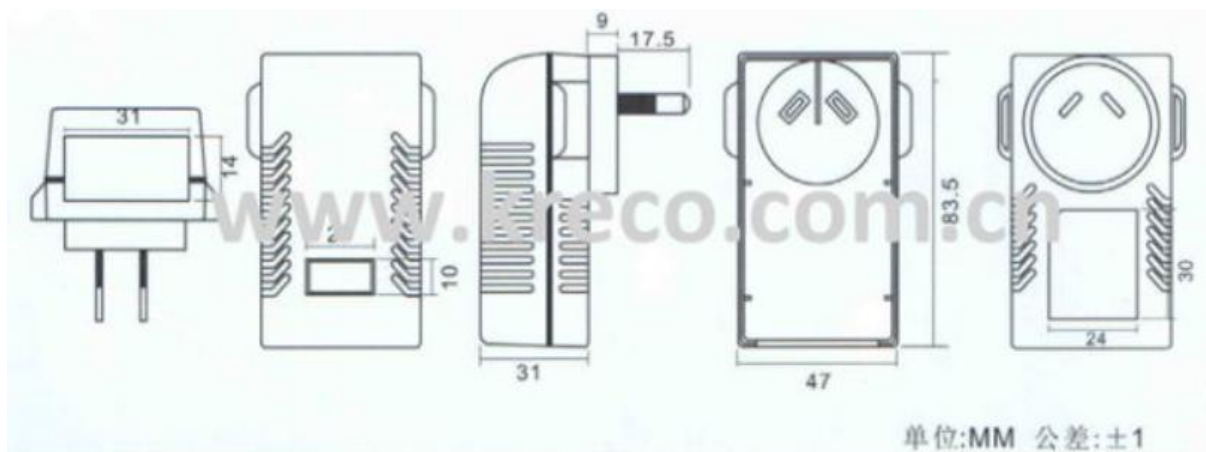
Unit:mm





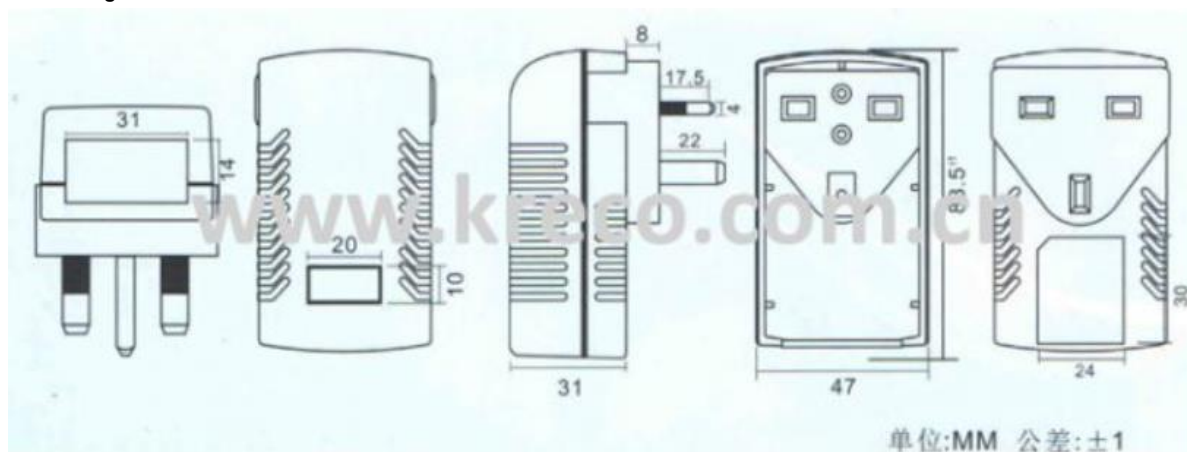
■ Dimension Diagram for KRE24S-PoE

Unit:mm



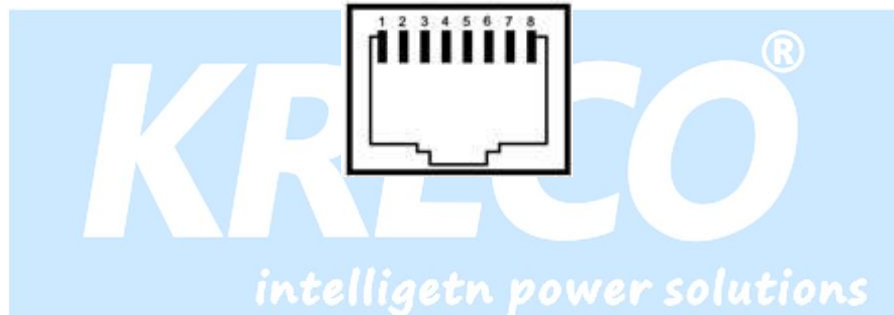
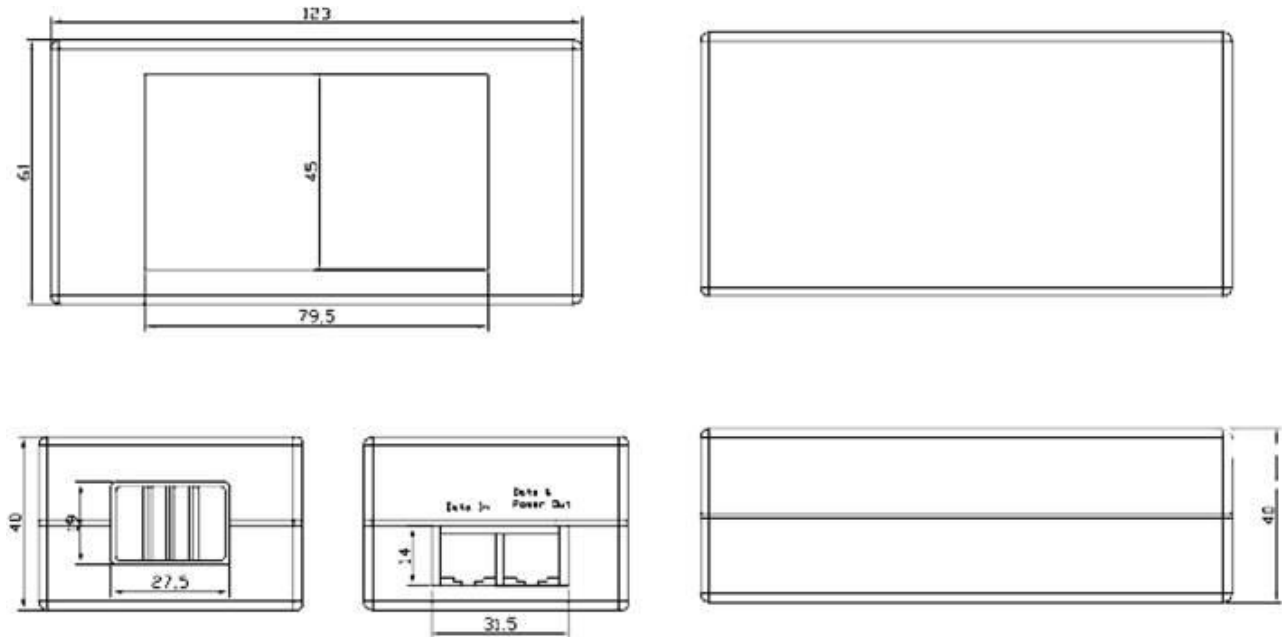
■ Dimension Diagram for KRE24BS-PoE

Unit:mm



■ Dimension Diagram for KRE24B-PoE-C8

Unit:mm



- (1) X = E for EU version, U for US version, C for Chinese version, BS for UK version, S for Australian version, J for Japanese version, K for South Korea version, R for Argentina version, Z for South Africa (3 Big pins) version, I for Interchangeable version,
- (2) xxx for Output voltage and yyy for output current, what you are going to order, please must specify to sales.
- (3) Safety approvals according to the plug type Z or F are variables, which are different from each other, for example, 0 for European plug, 1 for British plug, 2 for Australian plug, 3 for USA plug, 4 for Japan plug, 5 for China plug, 6 for Korea plug, 7 for South Africa plug, 8 for India plug, 9 for Argentina plug, I for interchangeable plugs, D for AC inlet desktop type, DG/0G for Gigabit type, DM/0M for Megabit type, DGS for Gigabit Surge type, Z can be U and F can be U, H, V, etc.
- (4) Safety model number differs from the order number, part number, and shape number as per respective OEM/ODM.

■ Note:

Kreco is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at <https://www.kreco.com.cn> for the most up-to-date specifications and contact information.