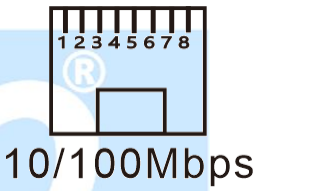
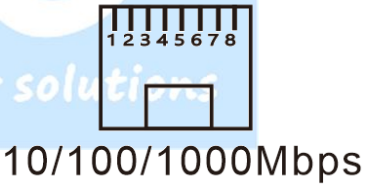
■ **AC inlet Type for Desktop Type**

| 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.** | KRE-PoED-C6 | KRE-PoED-C14 | KRE-PoED-C8 |

## ■ Features

- Universal AC input Full range
- Class I and 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

KRE-POED is a highly reliable, 20-120W 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:±5% 2.SCP,OLP,OVP,OCP protections,auto recovery. The entire series supplies different models with output voltages ranging between 12VDC and 57VDC 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

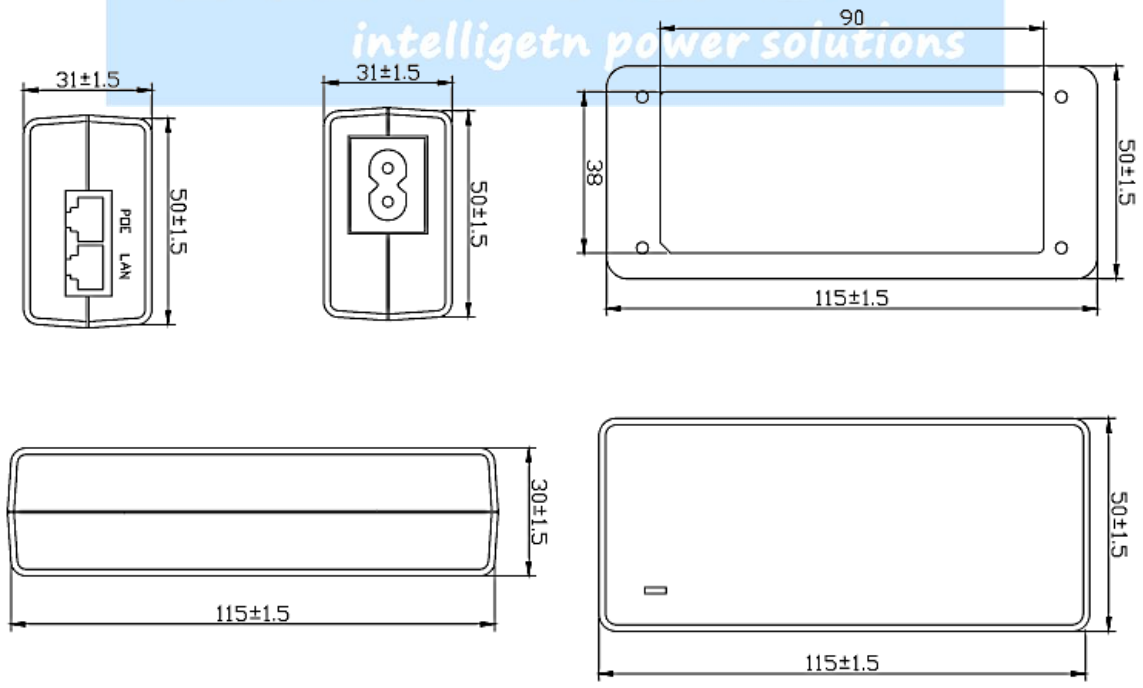
**Mating Connector**
RJ45

## ■ Output Specifications

| KRECO P/N (see note) | DC Output Voltage | Load | | Output Power | Size mm | Rate | Standards IEEE802.3 |
|---|---|---|---|---|---|---|---|
| | | Min | Max | | | | |
| KRE-xxxyyyyZ | POE | 12Vdc | 57Vdc | 24W max | 84x44x30 mm | 10/100Mbps<br>10/100/1000Mbps | Passive<br>Active<br>EN/IEC62368/UL62368 |
| | POE | 12Vdc | 57Vdc | 60W Max | 123x61x40 mm | 10/100Mbps<br>10/100/1000Mbps | Passive<br>Active<br>EN/IEC62368/UL62368 |
| | POE | 12Vdc | 57Vdc | 60W Max | 117x64x38 mm | 10/100Mbps<br>10/100/1000Mbps | Passive<br>Active<br>EN/IEC62368/UL62368 |
| | POE | 12Vdc | 57Vdc | 120W max | 171x98x42 mm | 10/100Mbps<br>10/100/1000Mbps | Passive<br>Active<br>EN/IEC62368/UL62368 |



## ■ Example Dimension Diagram for KRE-PoED 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.