



■ 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	3 pin UK	3 pin South Africa	Interchangeable
Shape No.	E	U	C	AU	J	K	R	BS	Z	i

■ 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.			KRE48B-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
- Protections: Short circuit / Overload /Over voltage
- Fully enclosed plastic case
- Wide range working temperature

■ Applications

- Consumer electronic devices
- Telecommunication devices
- Office facilities
- Industrial equipment



■ Description

KRE48i is a highly reliable, 50.4W wall-mounted and desktop style single-output green adaptor series. This product is a class II power unit (no FG), also Class I power unit, equipped with standard AC power plug, adopting the input range from 90VAC to 264VAC. The entire series supplies different models with output voltages ranging between 9VDC and 24VDC that can satisfy the demands for various types of consumer electronic devices.

■ **Mechanical Characteristics**

- see below Dimension Diagrams

■ **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

**DC Output Connector**

2.1 x 5.5mm Center Positive+ Standard or equivalent,

Or see *KRE-connectors-Spec.pdf*

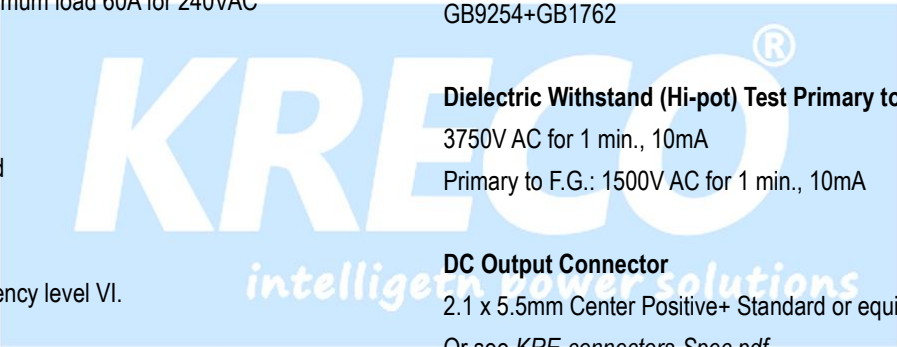
<https://www.kreco.com.cn/view.php?id=1285>

**Output Cable**

1.5 meter (4.92 feet), UL2468, from 24-16AWG gauge or equivalent

**Mating Connector**

Equivalent

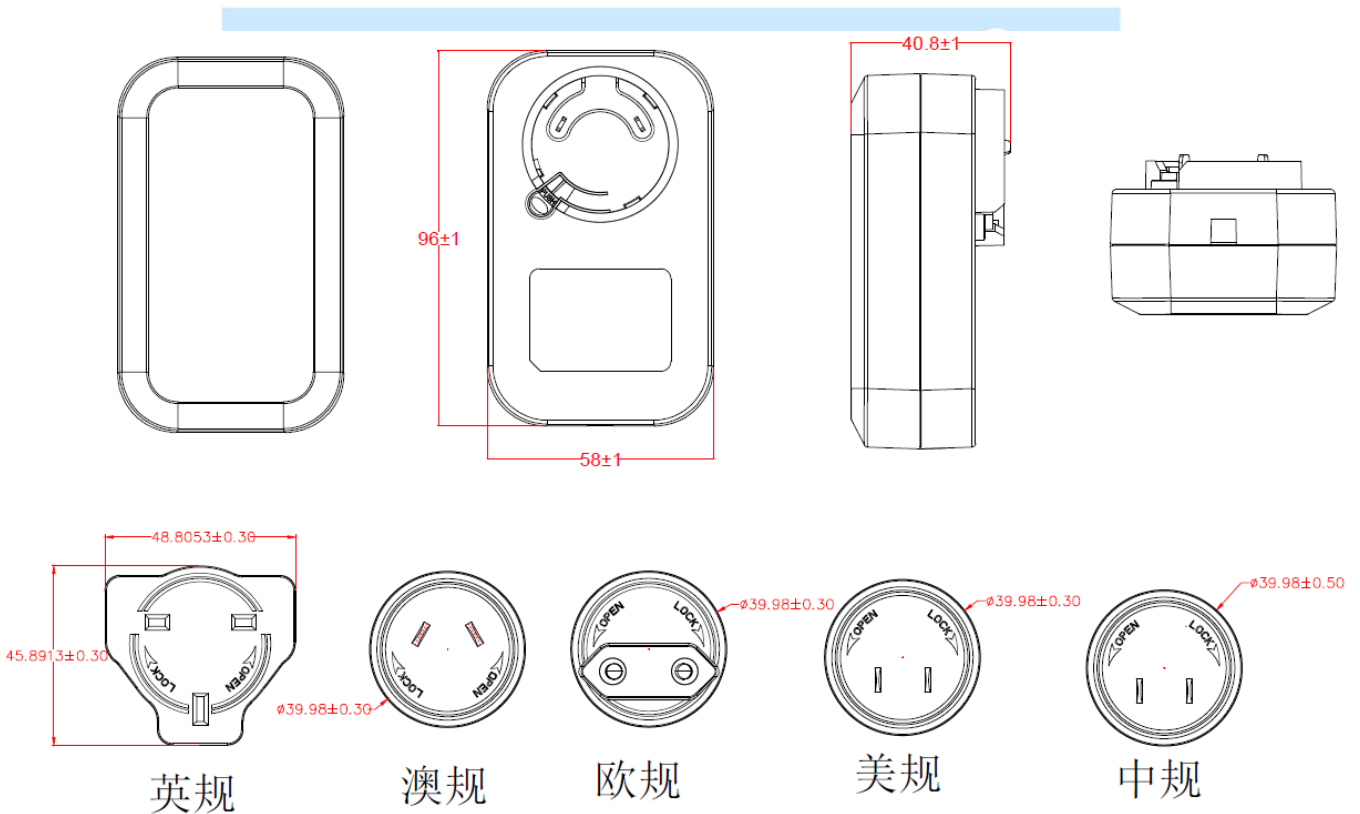


■ Output Specifications

KRECO P/N (see note)	DC Output Voltage	Load		Output Power	Safety Approvals	Energy Saving Level	Standards
		Min	Max				
KRE005SPS-xxxxyyzf or KRE-xxxxyyZ or LY005SPS-xxxxyyzf	9.0- 15V	0.01A	4.0A	48W max.	CCC/CQC,UL/CUL/FCC,CE/GS/ EMC,RCM,TUV/BS1363,EK,PSE	V&VI	EN/IEC62368
	15.1- 24V	0.01A	3.33A	50.4W max.	CCC/CQC,UL/CUL/FCC,CE/GS/ EMC,RCM,TUV/BS1363,EK,PSE	V&VI	EN/IEC62368
	9.0- 15V	0.01A	4.0A	48W max.	CCC/CQC	V&VI	GB4943/8898/4706
	15.1- 24V	0.01A	3.33A	50.4W max.	CCC/CQC	V&VI	GB4943/8898/4706
	9.0- 15V	0.01A	4.0A	48W max.	BSMI	V&VI	
	15.1- 24V	0.01A	3.33A	50.4W max.	CE/GS/EMC,TUV/BS1363	V&VI	EN/IEC60335/61558
	9.0- 15V	0.01A	4.0A	48W max.	CE/GS/EMC,TUV/BS1363	V&VI	EN/IEC60335/61558
	15.1- 24V	0.01A	3.33A	50.4W max.	CE/GS/EMC,TUV/BS1363	V&VI	EN/IEC60335/61558

■ Dimension Diagram for KRE48i

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, D for Desktop
  - (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 factories.
- 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.

