



■ AC inlet 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.	KRE18A-C6	KRE18A-C14	KRE18B-C8

■ Features

- Universal AC input Full range
- Class I or 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

KRE18A/B is a highly reliable, 18W desktop style single-output green adaptor series. This product is a class II power unit (no FG), equipped with standard AC inlet IEC320-C8, adopting the input range from 90VAC to 264VAC. The entire series supplies different models with output voltages ranging between 5VDC 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

J55024 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:

3500V 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,

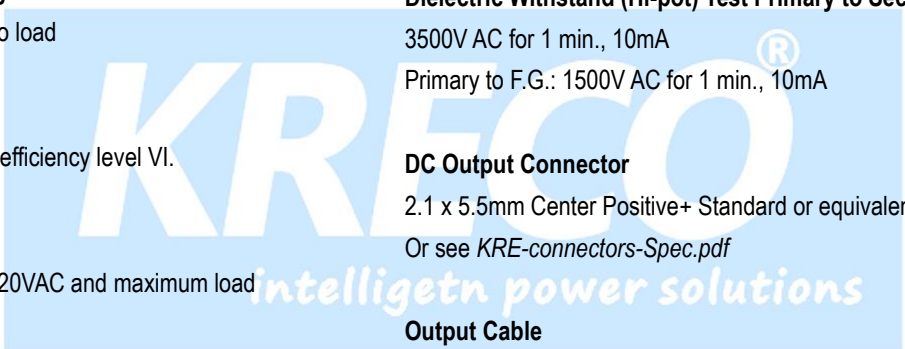
Or see *KRE-connectors-Spec.pdf*

Output Cable

1.5 meter (4.92 feet), UL2468, from 24-18AWG guage or equivalent

Mating Connector

Equivalent



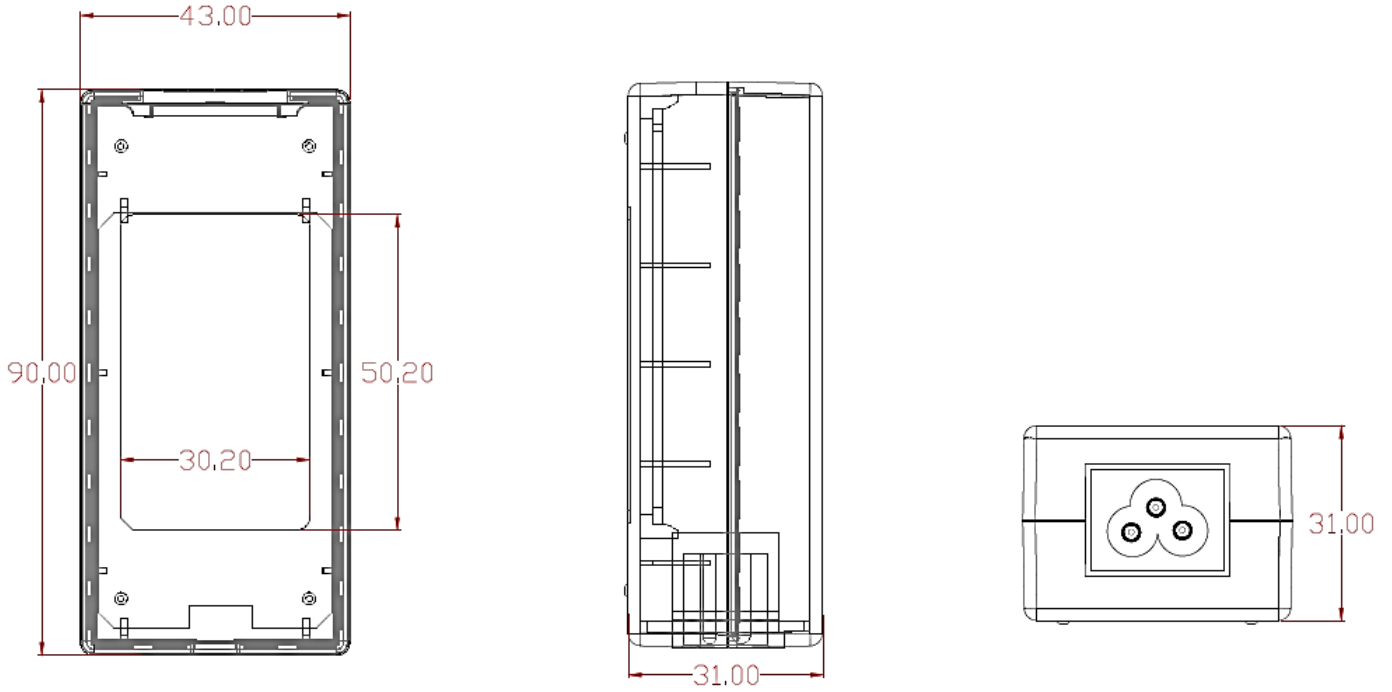
■ Output Specifications

KRECO P/N (see note)	DC Output Voltage	Load		Output Power	Safety Approvals	Energy Saving Level	Standards
		Min	Max				
KRE018SPS-xxxxyyzf or KRE-xxxxyyZ or LY018SPS-xxxxyyzf	5.0- 8.9V	0.01A	4.5A	18W max.	CCC/CQC,UL/CUL/FCC,CE/GS/EMC ,RCM,TUV/BS,EK,PSE	V&VI	EN/IEC60065
	9.0- 15V	0.01A	3.0A	18W max.	CCC/CQC,UL/CUL/FCC,CE/GS/EMC ,RCM,TUV/BS,EK,PSE	V&VI	EN/IEC60065
	15.1- 24V	0.01A	2.38A	18W max.	CCC/CQC,UL/CUL/FCC,CE/GS/EMC ,RCM,TUV/BS,EK,PSE	V&VI	EN/IEC60065
	5.0- 8.9V	0.01A	4.5A	18W max.	CCC/CQC	V&VI	GB4943/8898/4706
	9.0- 15V	0.01A	3.0A	18W max.	CCC/CQC	V&VI	GB4943/8898/4706
	15.1- 24V	0.01A	2.38A	18W max.	CCC/CQC	V&VI	GB4943/8898/4706
	9.0- 15V	0.01A	3.0A	18W max.	BSMI	V&VI	
	5.0- 8.9V	0.01A	4.5A	18W max.	CE/GS/EMC,TUV/BS	V&VI	EN/IEC60335/6155 8
	9.0- 15V	0.01A	3.0A	18W max.	CE/GS/EMC,TUV/BS	V&VI	EN/IEC60335/6155 8
	15.1- 24V	0.01A	2.38A	18W max.	CE/GS/EMC,TUV/BS	V&VI	EN/IEC60335/6155 8

intelligent power solutions

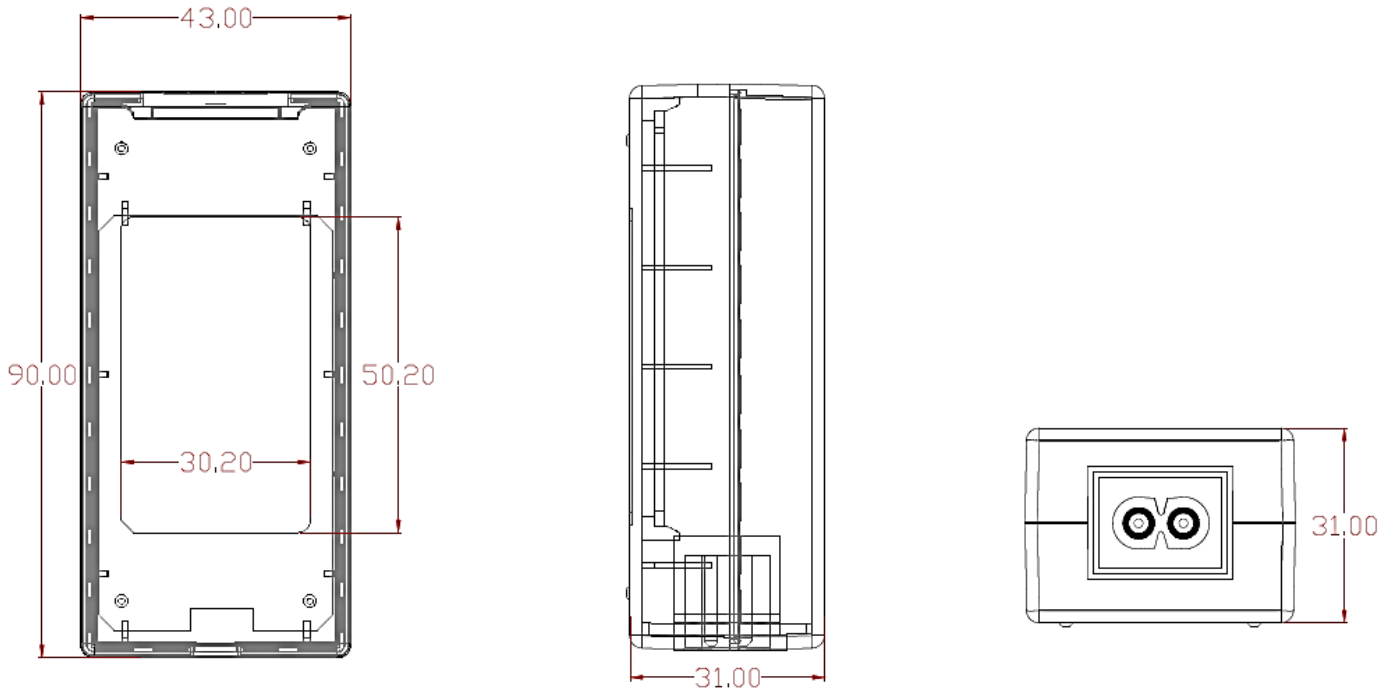
■ Dimension Diagram for KRE18A-C6

Unit: mm



■ Dimension Diagram for KRE18B-C8

Unit: mm



- (1) AC inlet connection type, 2 and 3 pole 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 AC inlet type, which is different from each other.
 - (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 www.kreco.com.cn for the most up-to-date specifications and contact information.