■ AC Plug 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.	KRE300-C6	KRE300-C14	KRE300-C8

■ Features

- Universal AC input Full range
- Available power cord of 3 pole US, EU, AU/NZ, EK, JP, CN, IN and UK plug, Class I 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

■ Description

KRE300x is a highly reliable, 300W desktop style single-output industrial adaptor series. This product is a class I power unit (with FG), 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 12VDC and 52VDC that can satisfy the demands for various types of consumer electronic devices.

■ Applications

- Electric and Electrical devices
- Telecommunication devices
- Office facilities
- Industrial equipment

■ Mechanical Characteristics

- see below Dimension Diagrams
- Weight: 330g

■ Characteristics

Input:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Input Current

0.66A (RMS) maximum at 120VAC

0.25A (RMS) maximum at 240VAC

Leakage Current

0.25A maximum at 264VAC

Inrush Current (Cold Start at ambient 25° C)

30A for 120VAC at 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

Short-Circuit Protection

Auto restart

Environmental Temperature

Operation -25° C to +40° C

Non-operation -40 to +85° C

Humidity 10 ~ 90% non-condensing

Emissions

Complies with FCC Class B Complies with EN55032 Class B

Immunity

AN/NZS CISPR22

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:

3500V AC for 1 min., 10mA

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

DC Output Connector

2.5 x 5.5mm Center Positive+ Standard or equivalent,

Or see *KRE-connectors-Spec.pdf*

Output Cable

As per customer requirement, normally less than 1.5 meter (4.92 feet), UL2468, from 18-12AWG guage or equivalent

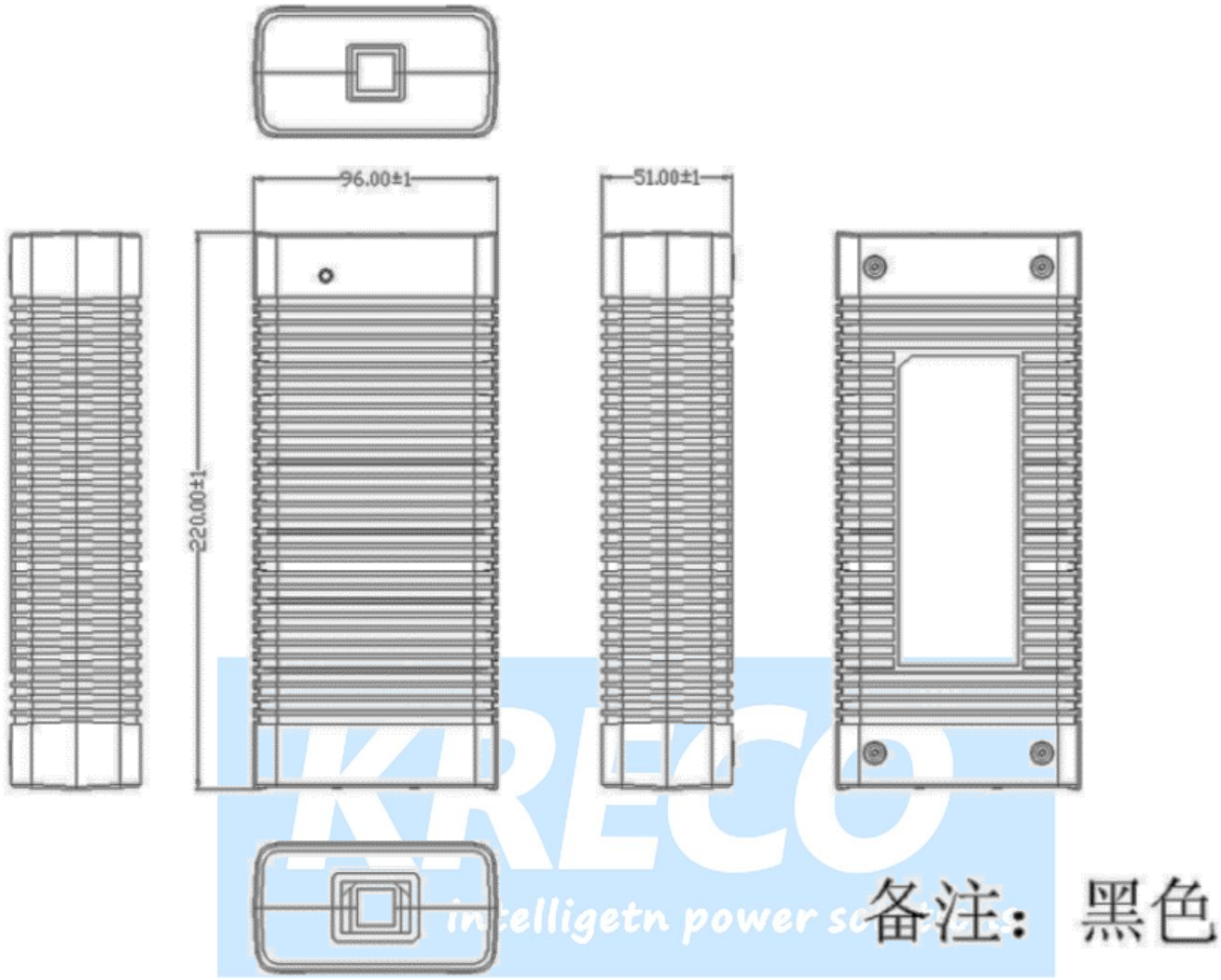
Mating Connector

Equivalent

■ **Model List & Output Specifications**

OUTPUT	Voltage(DC)	12-17.9V	18-23.9V	24-35.9V	36-43.9V	44-52V
	Current (Max.)	20.83A	15.55A	12.5A	8.34A	6.82A
	Power (Max.)	240W	270W	300W	300W	300W
	Ripple&noise	≤240mV	≤240mV	≤350mV	≤420mV	≤480mV
	Voltage tolerance	±5%				
	Standby power	＜ 0.5 W				
INPUT	Voltage Range	100-240VAC				
	Frequency	50-60Hz				
	Current	3.0A Max				
ENVIROMENT	Operation Temp.	0°C to +40°C				
	Storage Temp.	-20°C to +80°C				
	Operation HUM	10%-90%				
SAFETY	Safety certificates	62368 CB, cULus, FCC, CE, GS, UKCA, RCM				
Other	MTBF	>50,000 hours at 80%load and 25°C				
	Dimension	220.0X96.0X51.0mm				

■ **Dimension Diagram for KRE300X** **Unit: mm**



■ **Note**

(1) Normally exclude power cords, more plug type could be re-designed, or add to production order.

(2) xxx for Output voltage and yyy for output current, what you are going to order, please must specify to sales.

(3) Safety model number may differs from the order number, KRECO P/N number, and shape number as per respective OEM/ODM factories.

Disclaimer: 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.