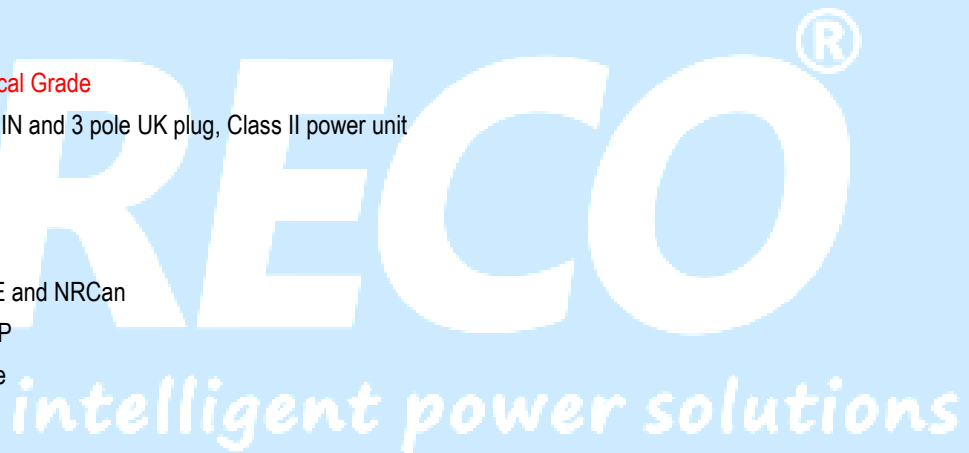




■ **Features**

- Universal AC input Full range
- **IEC60601/EN60601/UL60601 Medical Grade**
- 2 pole US, EU, AU/NZ, EK, JP, CN, IN and 3 pole UK plug, Class II power unit
- No load power consumption < 0.1W
- **Medical 2 x MOPP**
- Energy efficiency Level VI
- Comply with ERP / EISA 2007 / DoE and NRCan
- Protections: OCP / OVP / OTP / SCP
- Fully enclosed UL94-V0 plastic case
- Wide range working temperature



■ **AC Plug Type**

Wall mount type	2 pin Euro	2 pin USA	2 Pin China	3 pin UK	2 pin AU	2 pin JP	2 pin KR	2 pins IN	3 pin South Africa	Interchangeable
Shape No.	EU	US	CN	UK	AU	JP	KR	IN	ZA	Z

Desktop Type	Class I	Class II	Class II
AC inlet type	3 pole IEC320-C6(C14)	Fixed AC Power Cord	2 pole IEC320-C8
Shape No.	KRE072MPS-C6(C14)	KRE100MPS-Fixed	KRE100MPS-C8

■ **Applications**

- Medical Electronics & Diagnostic Equipment
- Therapeutic & Aesthetic Devices
- Patient Monitoring & Life Support Systems
- Others



■ Description

KRE100MPS is a highly reliable, 72W wall-mounted style single-output interchangeable Medical adaptor series. This product is a class II 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 9.0VDC and 48VDC, 0 to 6.0 A that can satisfy the demands for various types of medical electronic devices.

■ 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

Touch Current

10uA maximum Medical grade

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

Short-Circuit Protection

Auto restart

Environmental Temperature

Operation -20 to +40° C

Non-operation -40 to +85° C

Humidity 10-90% non-condensing

Emissions

Complies with FCC Class B Complies with EN55011 Class B

ESD Immunity ±8kV contact / ±15kV air

Immunity

AN/NZS CISPR22

EN55011

EN60601-1-11 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:

2 x MOPP (4560VACx2)

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

3 meters (10 feet), UL2468, from 22-18AWG guage or equivalent

Mating Connector

Equivalent

■ Model List

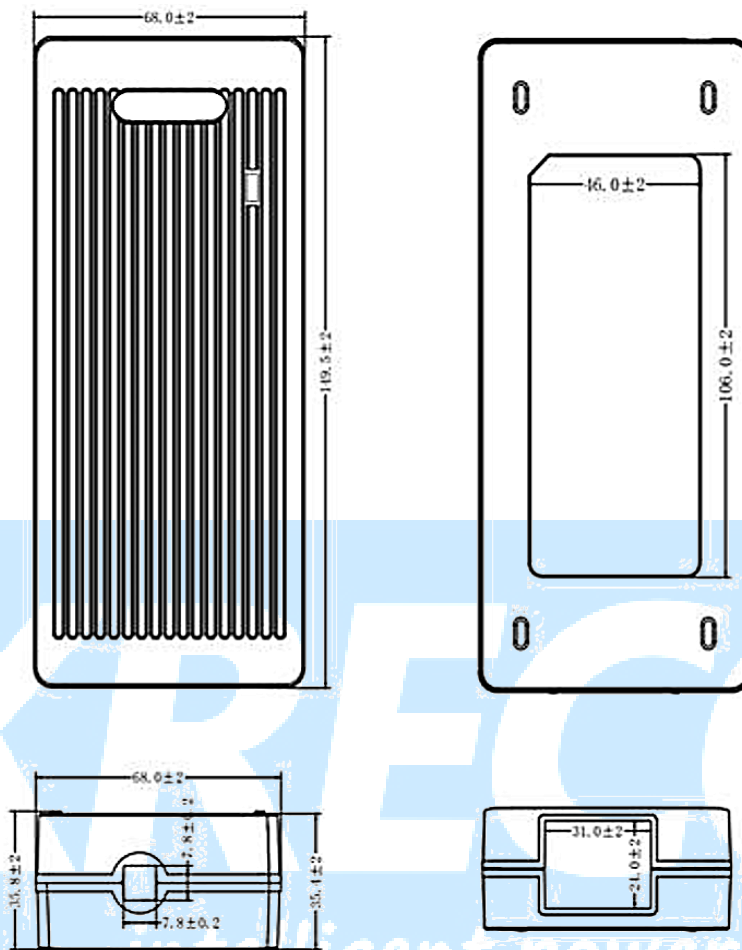
KRECO P/N (see note)	DC Output Voltage	Load		Output Power	Safety Approvals	Efficiency Level	Standards
		Min	Max				
KRE100MPS-xxxxyyZ or KRE-xxxxyyZ	9.0 - 21.0V	0.01A	8.0A	100.8W max	ETL/UL/CUL/FCC/CB/TUV CE/UKCA/RCM/ICES	VI / VII	EN/IEC/UL60601
	21.1 - 35.0V	0.01A	4.2A	100.8W max			

Note: Other output voltages are available upon request.



■ **Dimensions (Unit mm)**

Fig: KRE100MPS-Cx (input corded, C8, C14, C6) (149x68x35.8)



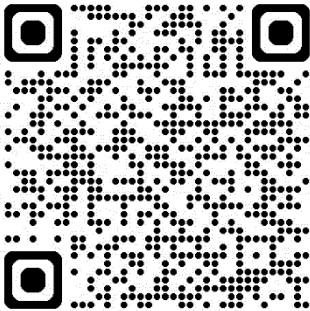
* More drawings are updating...

Notes

- 1) i for Interchangeable version, normally include EU, UK, US, AU version plugs, more plug type could be re-designed, or added to production order.
- 2) xxx for Output voltage and yyy or yyyy for output current, z for other variables, what you are going to order, please must specify to sales.
- 3) Safety model number may differ from the order number, KRECO P/N number, and shape number as per respective OEM/ODM factories.
- 4) Optional for DC output connector
see [KRE-connectors-Spec.pdf](#)



- 5) Scan the QR code to download to your smart phone.
see [KRE100MPS-SPEC.pdf](#)



Disclaimer: Kresco is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.kresco.com.cn for the most up-to-date specifications and contact information.

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