

■ Features

- Universal AC input Full range
- IEC/EN/UL62368;IEC/EN61558;UL1310;GB4943;CQC4706 Standards
- 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
- Energy efficiency Level VI
- Comply with ERP / EISA 2007 / DoE and NRCan
- Protections: OCP / OVP / OTP / SCP
- Fully enclosed UL94-V0 plastic case
- IP67 waterproof grade



■ 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
Fig 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	Fixed AC Power Cord	2 pole IEC320-C8
Fig No.	N/A	KM18x-Fixed	N/A

■ Applications

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



■ Description

KM18x is a highly reliable, 18W wall-mounted style single-output industrial power 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 3.0VDC and 27.2VDC, 0 to 3.0 A that can satisfy the demands for various types of electronic devices.

■ Characteristics

Input:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

Input Current

0.66A (RMS) maxi at 120VAC 0.25A (RMS) max at 240VAC

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 10-98% non-condensing

Emissions

Complies with FCC Class B Complies with EN55032 Class B

ESD Immunity ±8kV contact / ±15kV air

Immunity

AN/NZS CISPR22	EN55024	J55022	GB9254+GB1762
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		

Dielectric Withstand (Hi-pot) Test:

Pri to Sec: 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](#)

Output Cable

1.5 meters (4.9 feet), UL2464/2468, from 24-16AWG guage or equivalent

Mating Connector

Equivalent

Model List

KRECO P/N (see note)	DC Output Voltage	Load		Output Power	Safety Approvals	Energy Saving Level	Standards
		Min	Max				
KM18-xxxxyyZ or GMA18-XXXXYY	3.0 - 6.0V	0.01A	3.0A	15W max	ETL/UL/CUL/EMC/FCC/CB/TUV CE/UKCA/RCM/ICES	VI	EN/IEC/UL62368 EN/IEC61558 UL1310 GB4943 CQC4706
	6.1 - 10.5V	0.01A	2.0A	15W max	ETL/UL/CUL/FCC/CB/TUV CE/UKCA/RCM/ICES		
	10.6 - 15.0V	0.01A	1.5A	18W max	ETL/UL/CUL/FCC/CB/TUV CE/UKCA/RCM/ICES		
	15.1 - 20.9V	0.01A	1.0A	18W max	ETL/UL/CUL/FCC/CB/TUV CE/UKCA/RCM/ICES		
	21.0 - 27.2V	0.01A	0.75A	18W max	ETL/UL/CUL/FCC/CB/TUV CE/UKCA/RCM/ICES		

Note: Other output voltages are available upon request.



■ Dimensions (Unit mm)

Fig: KM18x-EU

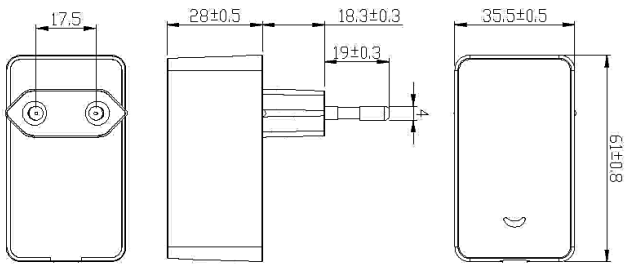


Fig: KM18x-US

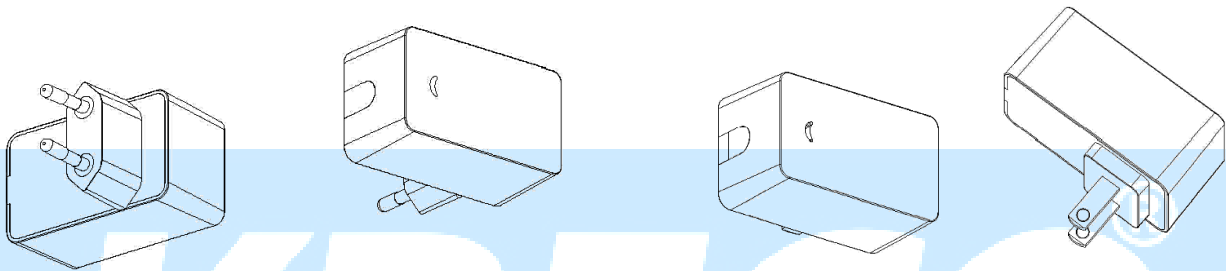
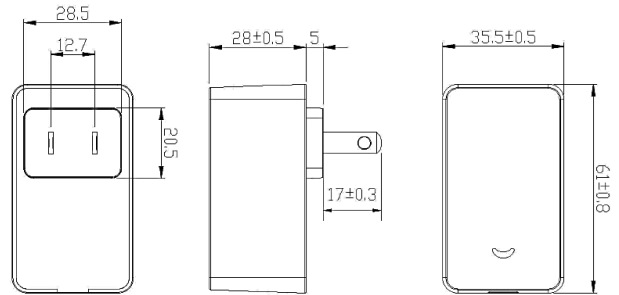


Fig: KM18x-UK

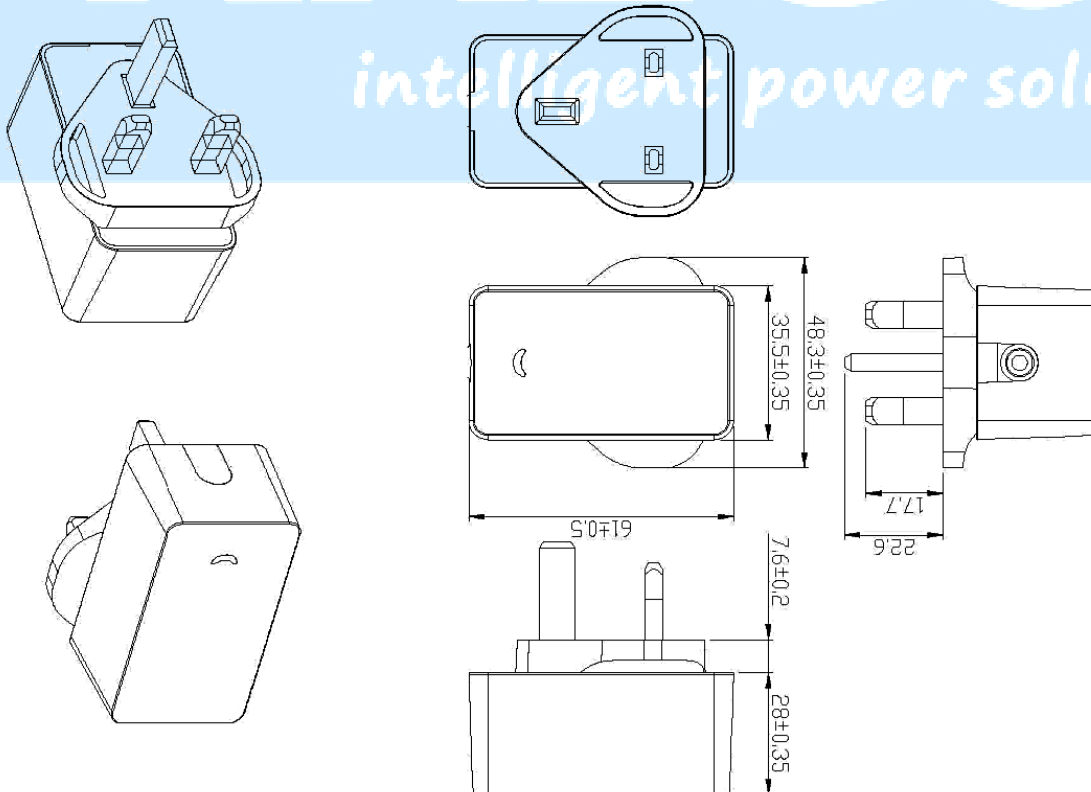


Fig: KM18X-AU

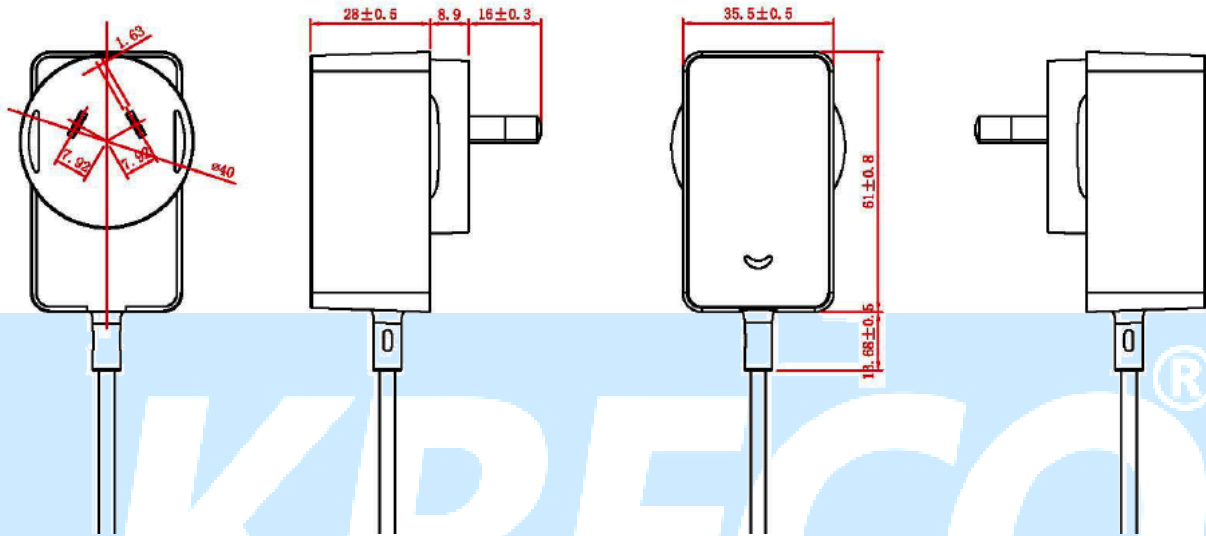
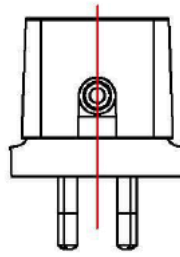


Fig: KM18x-KC

Fig: KM18x-CN

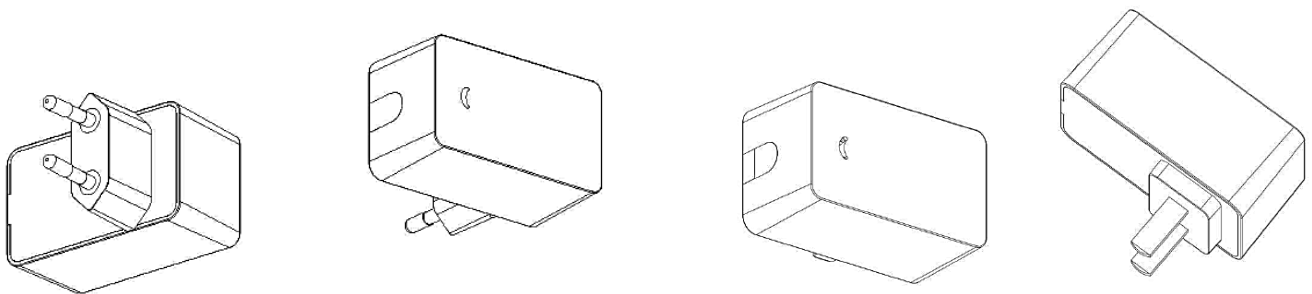
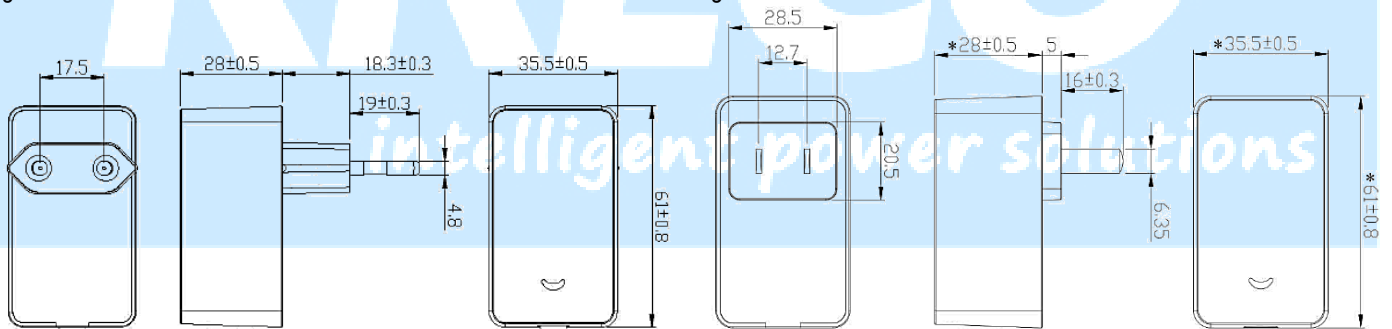
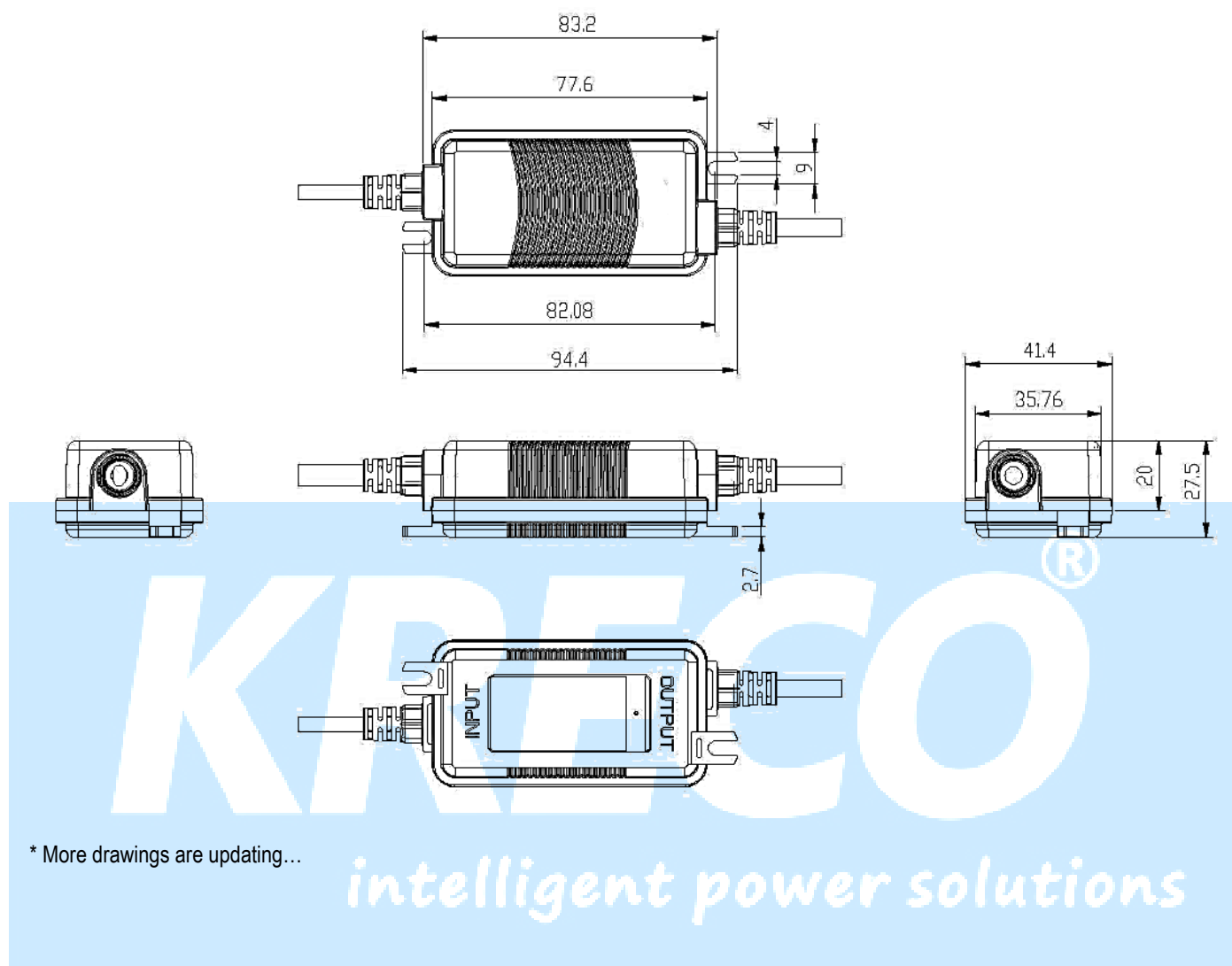


Fig: KM18x-fixed (desktop)

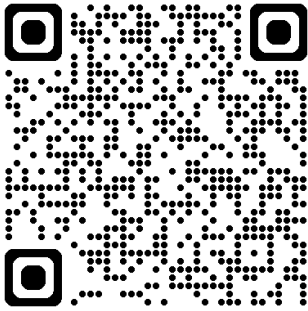


Notes

- 1) i for Interchangeable version, normally include EU, US, UK, 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 [KM18x-SPEC.pdf](#)



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