



LED Driver Product Content

2024 V1.0

About Merrytek

Facing the sensor technology, which is one of the three pillars of modern information technology, **together with communication technology and computer technology**, we have only worked hard for 15 years from focusing on the microwave sensor market to the frontier exploration of space management, but it never stops.....

Founded in 2011, Merrytek is an internationally renowned professional technology company that focused on researching and developing, manufacturing and marketing of microwave sensors, sensor DIM drivers, dimmable LED drivers, and emergency converters.

In 2021, we were selected as the National Special New " Little Giant" Enterprise.

In 2022, we got the title of " National Intellectual Property Advantage Enterprise".

In 2023, we won " SHENZHEN TOP BRAND" Award.

With one-third of its personnel in R&D department, Merrytek has been authorized more than 500 patents at home and abroad and more than 150pcs patents under acceptance.



Leading innovation · sensing infinite

Fine cultivation microwave radar detection technology and application for 15 years.

Low impedance antenna international patent, crack the industry problem that traditional microwave sensor is vulnerable to WiFi, 5G, Bluetooth and other wireless signal interference environmental adaptability.

The international patent 5.8GHz microwave sensor is used for biological detection such as motion, minor-motion and breath signal.

24GHz millimeter wave human body Lifebeing sensor series is used for heartbeat signal detection, and unlocks microwave sensing.Used in many fields such as smart homes, smart buildings, smart elderly care, security monitoring, etc.



R&D team: 95



Pre-research preparation: 7



Number of enterprises: 268



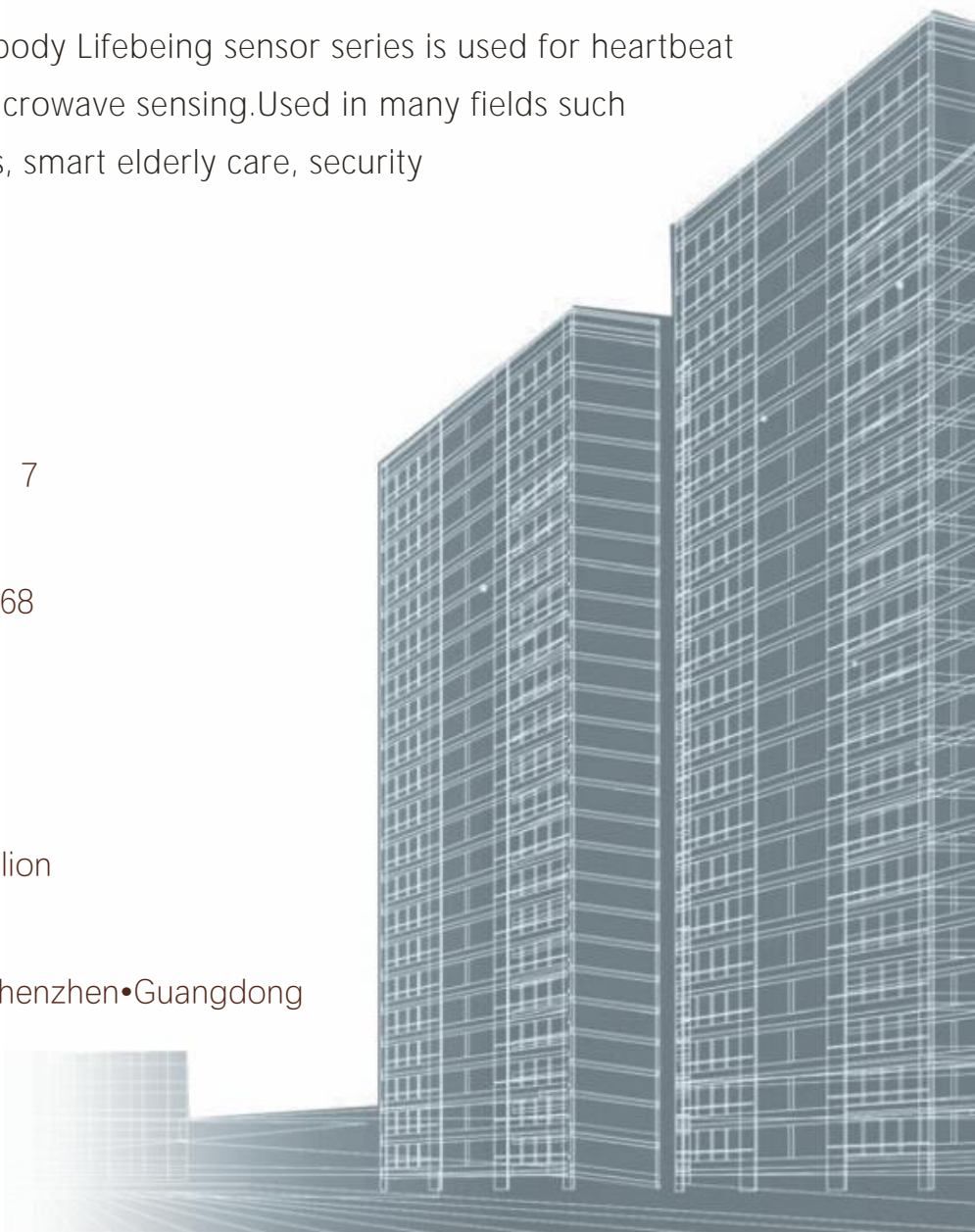
Company size: 11,000m²



Registered capital: 15 million



Headquarters Address: Shenzhen•Guangdong



Technological Evolution

2008

The first generation planar antenna microwave detection technology

It takes the lead in unlocking 5.8GHz planar micro-band antenna scheme in China to replace infrared induction matching luminaries and solve the problems of complex structure, short life and easy interference from environmental changes of induction luminaries.



2015

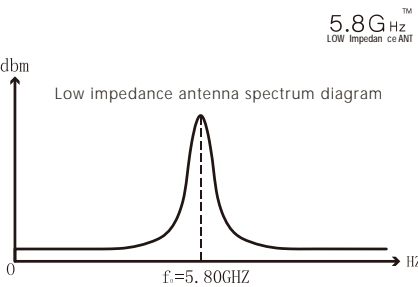
The first generation planar antenna high-mounted microwave detection technology

It is the first in the industrial and mining luminaries that supports 15m installation height, promoting the application of microwave induction energy saving schemes in high-roof environments such as warehouses, halls and museums.



The second generation planar antenna microwave detection technology

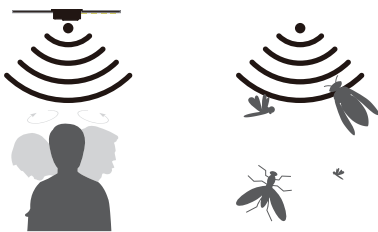
Resistance-capacitance step-down power supply, output positive and negative control relay, reduce stand-by power consumption, optimize product volume, reduce raw material cost.



2014

Minor-motion technique

It is the first microwave sensing in the industry that uses microwave to detect minor movement (head up, head shaking, body movement, etc.), laying a technical foundation for the presence of induction.



Minor-motion technique

Using the core patent algorithm to resist the breeze, drizzle, birds and mosquitoes caused by the false trigger, laying the foundation for outdoor application of microwave technology.

2017

Leading innovation · sensing infinite

2018

Narrow planar microwave antenna

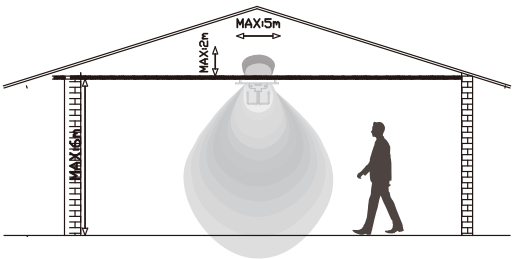
Miniaturized planar microwave induction antenna suitable for small size luminaries.



2020

Dipole antenna technology

Using dipole antenna, small opening size, high gain, large beam angle, widely used in tri-proof light, line lights, etc, to solve the problem that detection area is short and the performance is unstable in parking lot application



Daylight harvesting control technology Low impedance planar antenna technology Hybrid detection technology (Algorithm Breakthrough) 5.8GHz microwave breath presence detection technique

The industry is the first to use 5.8GHz, ISM microwave frequency band to detect the stationary presence of human body. The product adopts the 'dual-feed high-gain large-beam angel' low-impedance antenna independently developed by Merrytek. The product can resist 2.4GHz Bluetooth, WiFi, ZigBee and other wireless interference signals, and also has the ability to detect breathing signals when the human body is at rest to realize the human presence detection function.



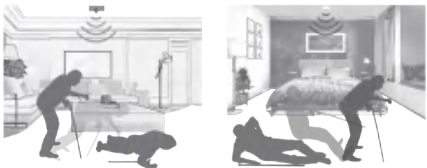
The second generation planar antenna high-mounted microwave detection technology 2019

Human body Lifebeing and posture recognition and detection technology

Adopt 60GHz millimeter wave radar 4D imaging technology and adopt AI algorithm and deep self-learning, adaptive algorithm! Identify human walking track and posture detection(fall detection)and human Lifebeing detection! Become the star product of the pension industry!

Differential antenna and new disturbance rejection algorithm technology

New antenna and differential balance mixing circuit, close to 0.1MW weak power current transmission, to achieve the compatibility of the same frequency band equipment, no interference, no wall, no glass, no self-excitation, suitable for indoor environment accurate detection and interval definition.



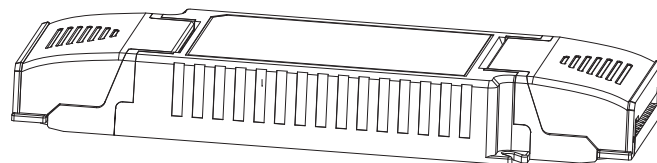
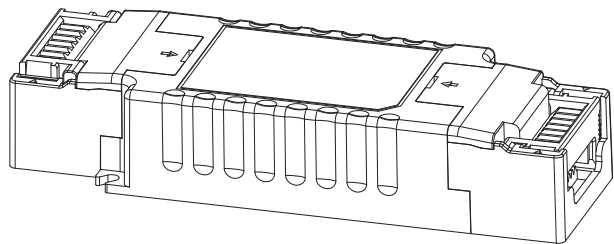
2022

About Kreat power

Kreat power is a sub-brand of Shenzhen Merrytek Technology Co, Ltd.
Kreat power inherits Merrytek's technological innovation concept and focuses on the fields of DALI dimming power supplies and emergency power supplies.

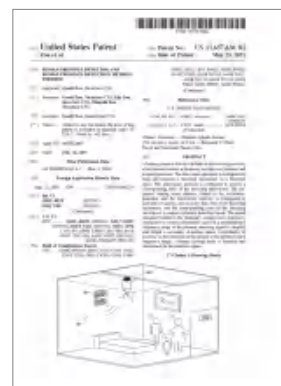
Brand value: intelligence, safety, health

Brand LOGO



Leading innovation · sensing infinite

Certification





Content

DALI LED driver

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Emergency power supply

KE002-Series	49
KE007-Series	50
KE014-Series	51
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DALI LED driver

Stepless dimming

Adopts the continuously changing dimming mode makes the brightness transition of the lamp smooth, and there is no longer a preset brightness limit, making it more comfortable for the eyes during use

Wide dimming and color range

Kreatpower's DALI dimming and coloring power supply can have a wider adjustment range at low brightness to meet a wider variety of scene applications.



Very smooth dimming and color adjustment at low brightness

Ordinary LED dimming power supplies have obvious dimming jitter during the dimming process at low dimming rates, that is, the dimming changes have a step-like feel and the brightness changes are not smooth; Especially in dimming and color matching and RGB dimming applications, the color temperature mutation phenomenon is very obvious. Kreatpower's DALI dimming and coloring power supply adopts a bipolar circuit, which can achieve high smoothness in the low brightness range, making dimming and coloring more comfortable.



KL10C-PDii



Page03

KL20C-PDii1



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KL26CC-PDii



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KL40CC-PDii



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KL35C-PDii1



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KL40VC-PDiiV



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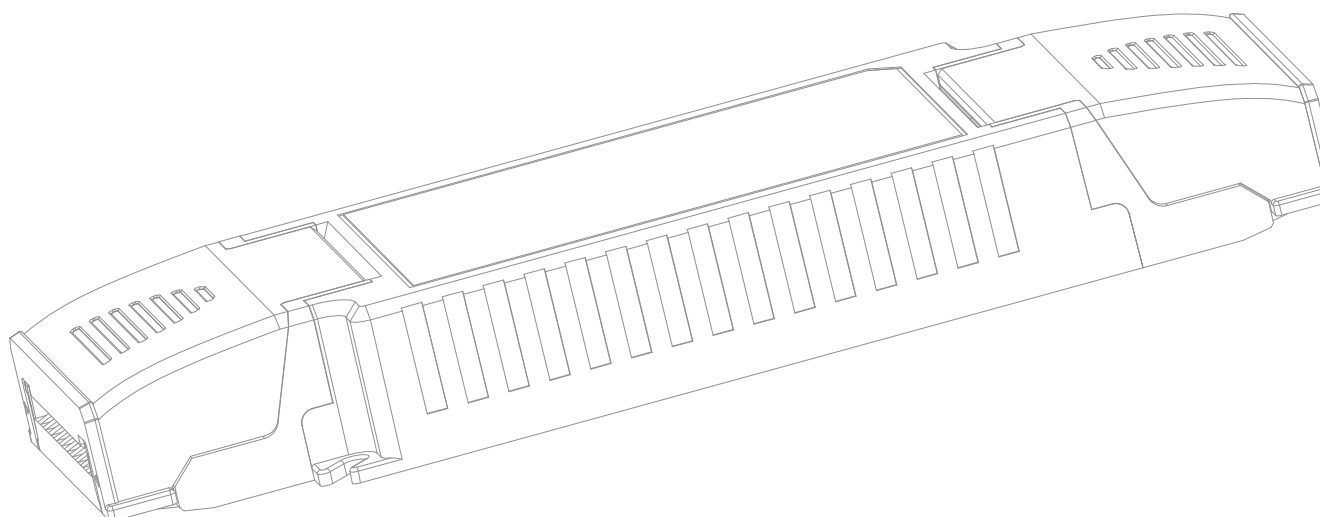


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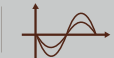
KL46C-PDii1




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KL10C-PDii




Active power factor




DALI dimming



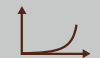
PUSH dimming



Dimming memory function




Linear dimming



logarithmic dimming

DALI dimming power supply

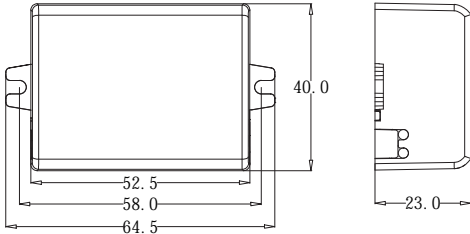
Product Feature Description



CE


- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
Built-in DALI DT6 interface to realize DALI master control
- Output short circuit / open circuit / over temperature / over voltage protection,
- Reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Size / Parameter



Unit: mm

Dimming interface	Primary PUSH, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	83% Max. @230Vac
Output current / voltage / power	200mA / 3-28Vdc / 5.6W 300mA / 3-28Vdc / 8.4W 500mA / 3-21Vdc / 10.5W Single current output
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3
DALI standard	ICE 62386 102, 207, 251, 252, 253
Certification	CE
Working temperature	-25℃ - +50℃
IP rating	IP20
Size	52.5*40*23



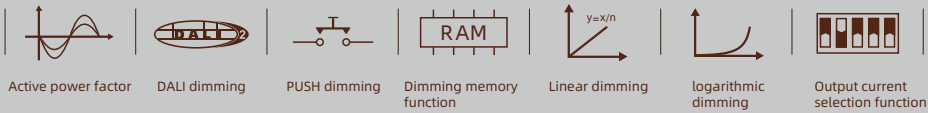
Flicker-free

Dimming interface	Primary PUSH, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	83% Max. @230Vac
Output current / voltage / power	200mA / 3-28Vdc / 5.6W 300mA / 3-28Vdc / 8.4W 500mA / 3-21Vdc / 10.5W Single current output
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3
DALI standard	ICE 62386 102, 207, 251, 252, 253
Certification	CE
Working temperature	-25℃ - +50℃
IP rating	IP20
Size	52.5*40*23

03

KL12C-PDii

DALI dimming power supply



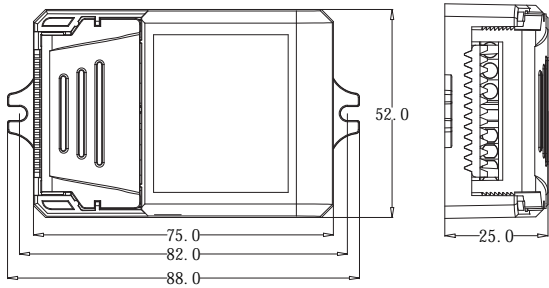
Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Compact size, which is suitable for down lights, spot lights, ceiling lights, track lights, line lights and all kinds of small size lights
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty



Size / Parameter

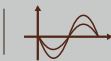
Dimming interface	Primary PUSH, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	83% Max. @230Vac
Output current / voltage / power	350mA / 3-24Vdc / 8.4W 500mA / 3-24Vdc / 12W 550mA / 3-22Vdc / 12W 700mA / 3-17Vdc / 12W
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3
DALI standard	ICE 62386 102, 207, 251, 252, 253
Certification	CE, CB, SAA
Working temperature	-25℃ - +50℃
IP rating	IP20
Size	75*52*25



Unit: mm

Flicker-free

KL10C-PDiiv



Active power factor



DALI dimming



PUSH dimming



0-10V dimming



Dimming memory function



Linear dimming



logarithmic dimming



Output current selection function

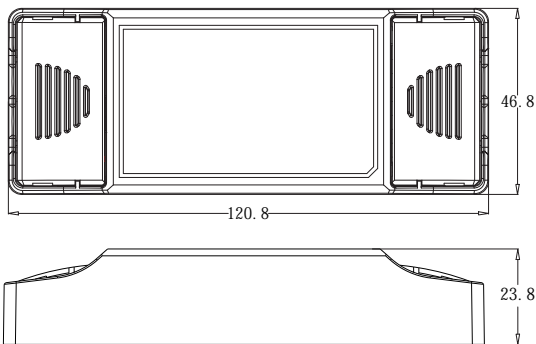
DALI dimming power supply

Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free.
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code.
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty



Size / Parameter



Unit: mm

Flicker-free

Dimming interface Primary PUSH, secondary 1-10V, DALI

Dimming range 2%-100%

Input voltage 220-240Vac 50Hz / 60Hz

Stand-by power <0.5W

Working efficiency 83% Max. @230Vac

Output current / voltage / power
100mA / 9-40Vdc / 4W
180mA / 9-40Vdc / 7.2W
270mA / 9-40Vdc / 10.8W
350mA / 9-36Vdc / 12.6W
440mA / 9-27Vdc / 11.88W

Safety standard EN61347-1, EN61347-2-13, EN62493, EN60598-1

EMC standard EN55015, EN61547, EN61000-3-2, EN61000-3-3

DALI standard ICE 62386 102, 207

Certification SAA, CE

Working temperature -25°C - +50°C

IP rating IP20

Size 120*46*23.8

KL20C-PDiiv

DALI dimming power supply



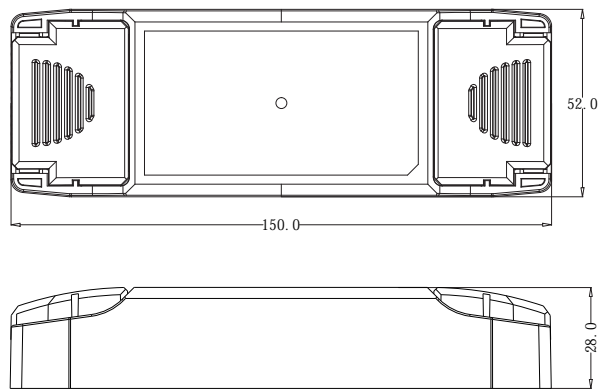
Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free.
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code.
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED.
- 5 years warranty



Size / Parameter

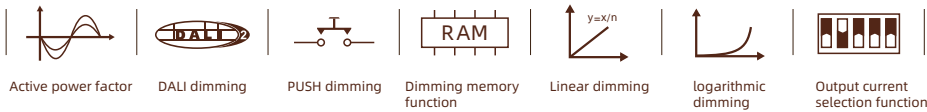
Dimming interface	Primary PUSH, secondary1-10V, Primary PWM, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	85% Max. @230Vac
Output current / voltage / power	700mA / 9- 30Vdc / 21.0W 500mA / 9- 42Vdc / 21.0W 350mA / 9- 58Vdc / 20.0W 250mA / 9- 60Vdc / 15.0W
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207
Certification	CE, ENEC
Working temperature	-25℃ -+50℃
IP rating	IP20
Size	150*52*28



Unit: mm



KL20C-PDii / KL20C-PDii1



KL20C-PDii



KL20C-PDii 1

Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Compact size, which is suitable for down lights, spot lights, ceiling lights, track lights, line lights and all kinds of small size lights
- Removable terminal cover can switch freely built-in or independent LED driver
- Semi-glue design process, high temperature resistance, more reliable
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED.
- 5 years warranty

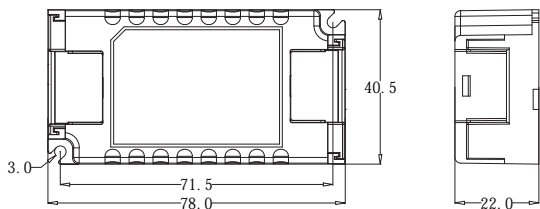
Product Certification



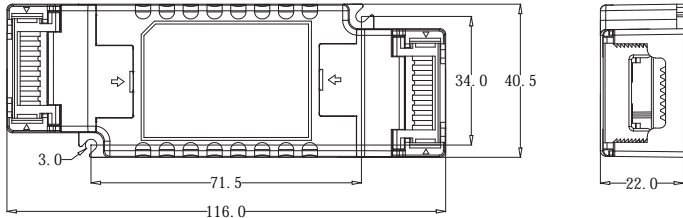
Size / Parameter

KL20C-PDii / KL20C-PDii1

Built-in



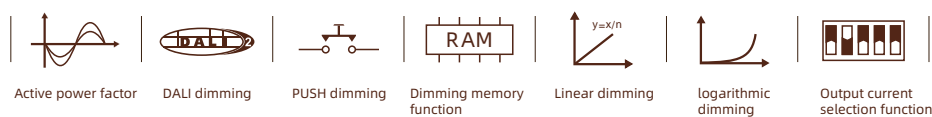
External



Unit: mm

	KL20C-PDii	KL20C-PDii 1
Dimming interface	Primary PUSH, DALI	Primary PUSH, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	88% Max. @230Vac	85% Max. @230Vac
Output current / voltage / power	200mA / 3-45Vdc / 9W 250mA / 3-45Vdc / 11.25W 300mA / 3-45Vdc / 13.5W 350mA / 3-45Vdc / 15.75W 400mA / 3-45Vdc / 18W 450mA / 3-45Vdc / 20W 500mA / 3-40Vdc / 20W 550mA / 3-36Vdc / 20W	250mA / 12-40Vdc / 10W 300mA / 12-40Vdc / 12W 350mA / 12-40Vdc / 14W 400mA / 12-40Vdc / 16W 450mA / 12-40Vdc / 18W 500mA / 12-40Vdc / 20W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3
DALI standard	ICE 62386 102, 207, 251, 252, 253	ICE 62386 102, 207, 220, 251, 252, 253
Certification	SAA, CE	CE
Working temperature	-25℃-+50℃	-25℃-+50℃
IP rating	IP20	IP20
Size	External Installation: 116*40*22 Built-in Installation: 78*40*22	External Installation: 116*40*22 Built-in Installation: 78*40*22

KL30C-PDii / KL35C-PDii



KL30C-PDii



KL35C-PDii

Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free.
- Compact size, which is suitable for down lights, spot lights, ceiling lights, track lights, line lights and all kinds of small size lights
- Removable terminal cover can switch freely built-in or independent LED driver
- Semi-glue design process, high temperature resistance, more reliable
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

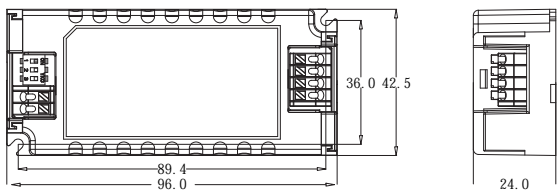
Product Certification



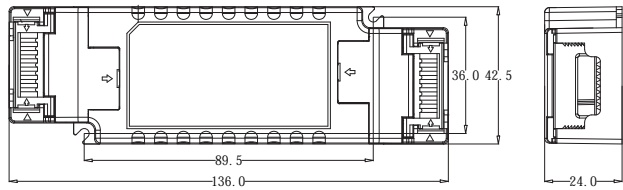
Size / Parameter

KL30C-PDii / KL35C-PDii

Built-in



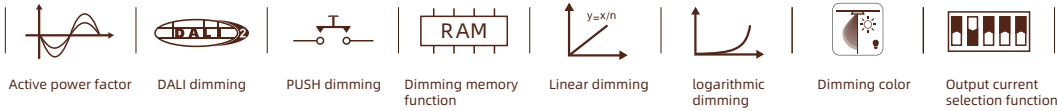
External



Unit: mm

KL30C-PDii		KL35C-PDii
Dimming interface	Primary PUSH, DALI	Primary PUSH, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	88% Max. @230Vac	87% Max. @230Vac
Output current / voltage / power	500mA / 12-40Vdc / 20W 550mA / 12-40Vdc / 22W 600mA / 12-40Vdc / 24W 650mA / 12-40Vdc / 26W 700mA / 12-40Vdc / 28W 900mA / 12-33Vdc / 30W 1000mA / 12-30Vdc / 30W	700mA / 3-40Vdc / 28W 750mA / 3-40Vdc / 30W 800mA / 3-40Vdc / 32W 850mA / 3-40Vdc / 34W 900mA / 3-38Vdc / 34W 950mA / 3-36Vdc / 34W 1000mA / 3-35Vdc / 35W 1050mA / 3-33Vdc / 35W
Safety standard	EN61347-1, EN61347-2-13,EN62493,EN60598-1	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3
DALI standard	ICE 62386 102, 207, 220, 251, 252, 253	ICE 62386 102, 207, 251, 252, 253
Certification	CE	SAA, CE, CB
Working temperature	-25℃-+60℃	-25℃-+50℃
IP rating	IP20	IP20
Size	External Installation: 136*42*24 Built-in Installation: 96*42*24	External Installation: 136*42*24 Built-in Installation: 96*42*24

KL26CC-PDii / KL40CC-PDii / KL50CC-PDii



KL26CC-PDii



KL40CC-PDii / KL50CC-PDii

Product Feature Description

- Centralized power supply DC emergency operation DT19
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Removable terminal cover can switch freely built-in or independent LED driver
- Built-in DALI DT8 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
- Two ways output, color temperature function is optional: CC, CW, CC+CW
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

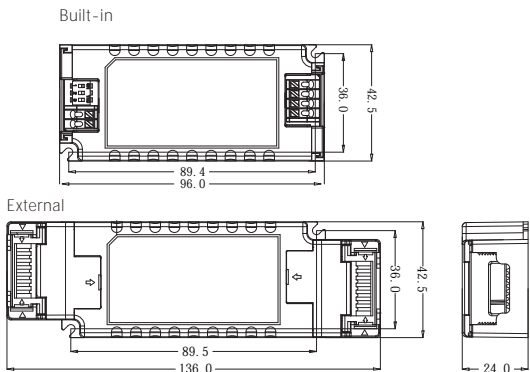
Product Certification



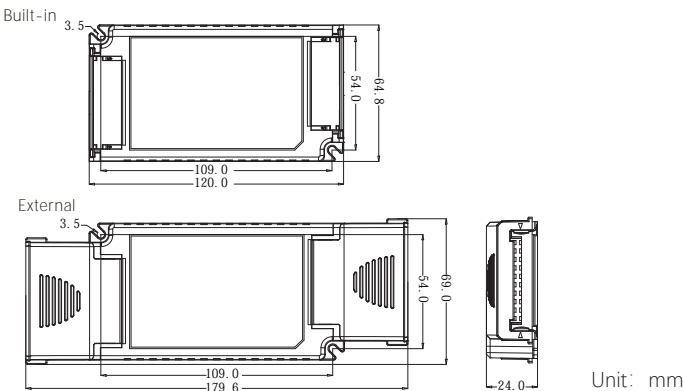
Size / Parameter

NEW

KL26CC-PDii



KL40CC-PDii / KL50CC-PDii



	KL26CC-PDii	KL40CC-PDii	KL50CC-PDii
Dimming interface	Primary PUSH, DALI	Primary PUSH, DALI	Primary PUSH, DALI
Dimming range	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac , 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W	<0.5W
Working efficiency	85% Max. @230Vac	86% Max. @230Vac	87% Max. @230Vac
Output current / voltage / power	300mA / 12-42Vdc / 12.6W 350mA / 12-42Vdc / 14.7W 500mA / 12-42Vdc / 21W 600mA / 12-42Vdc / 25.2W	500mA / 12-50Vdc / 25.0W 550mA / 12-50Vdc / 27.5W 600mA / 12-50Vdc / 30.0W 650mA / 12-50Vdc / 32.5W 700mA / 12-50Vdc / 35.0W 750mA / 12-50Vdc / 37.5W 800mA / 12-50Vdc / 40.0W 850mA / 12-47Vdc / 40.0W 900mA / 12-44Vdc / 39.6W 950mA / 12-42Vdc / 39.9W 1000mA / 12-40Vdc / 40.0W 1050mA / 12-38Vdc / 39.9W	700mA / 12-53Vdc / 37.1W 750mA / 12-53Vdc / 40.0W 800mA / 12-53Vdc / 42.4W 850mA / 12-53Vdc / 45.0W 900mA / 12-53Vdc/ 47.7W 950mA / 12-52Vdc/ 49.4W 1000mA / 12-50Vdc / 50.0W 1050mA / 12-47Vdc / 49.3W 1100mA / 12-45Vdc/ 49.5W 1150mA / 12-43Vdc/ 49.4W 1200mA / 12-41Vdc/ 49.2W
Safety standard	EN61347-1, EN61347-2-13, EN62493,EN60598-1	EN61347-1 EN61347-2-13	EN61347-1 EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 209, 251, 252, 253	ICE 62386 102, 209, 251, 252, 253	ICE 62386 102, 209, 251, 252, 253
Certification	CE	CE	CE
Working temperature	-25℃-+50℃	-25℃-+50℃	-25℃-+50℃
IP rating	IP20	IP20	IP20
Size	External Installation: 136*42*24 Built-in Installation: 96*42*24	External Installation: 179.6*69*24 Built-in Installation: 120*64.8*24	External Installation: 179.6*69*24 Built-in Installation: 120*64.8*24

KL25C-PDi3 / KL25C-PDiV



KL25C-PDi3



KL25C-PDiV

Product Feature Description

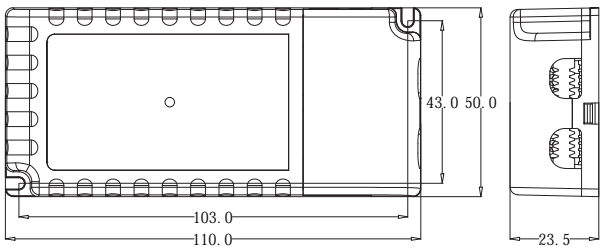
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size / Parameter

KL25C-PDii3 / KL25C-PDiiV



Unit: mm

	KL25C-PDii3	KL25C-PDiiV
Dimming interface	Primary PUSH, DALI	Primary PUSH, secondary1-10V, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz /60Hz	220-240Vac, 50Hz /60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	88% Max. @230Vac	86% Max. @230Vac
Output current / voltage / power	350mA / 9-58Vdc / 20.3W 500mA / 9-50Vdc / 25W 550mA / 9-45Vdc / 25W 700mA / 9-36Vdc / 25W	150mA / 9-58Vdc / 8.7W 350mA / 9-58Vdc / 20.3W 550mA / 9-45Vdc / 25W
Safety standard	EN61347-1, EN61347-2-13,EN62493,EN60598-1	EN61347-1, EN61347-2-13,EN62493,EN60598-1
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE	CE, ENEC
Working temperature	-25°C -+50°C	-25°C -+50°C
IP rating	IP20	IP20
Size	110*50*23.5	110*50*23.5

KL35C-PDi1 / KL30C-PDiV



KL35C-PDi1 / KL30C-PDiV

Product Feature Description

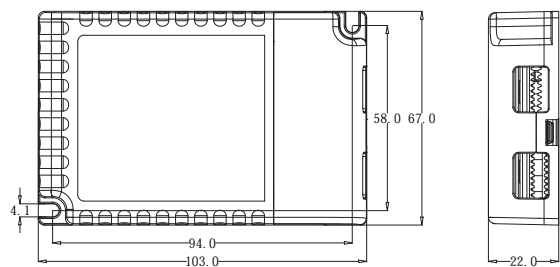
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- KL30C-PDiV support secondary 1-10V dimming function, no shutdown below 1V;
Primary PUSH dimming function, PUSH dimming has state memory function
- KL30C-PDiV support 10V PWM dimming(3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size / Parameter

KL35C-PDii1 / KL30C-PDiiV



Unit: mm

KL35C-PDii1		KL30C-PDiiV	
Dimming interface	Primary PUSH, DALI	Primary PUSH, secondary1-10V, Primary PWM, DALI	
Dimming range	2%-100%	2%-100%	
Input voltage	220-240Vac, 50Hz /60Hz	220-240Vac, 50Hz /60Hz	
Stand-by power	<0.5W	<0.5W	
Working efficiency	87% Max. @230Vac	86% Max. @230Vac	
Output current / voltage / power	500mA / 12-48Vdc / 24W 550mA / 12-48Vdc / 26.4W 600mA / 12-48Vdc / 28.8W 650mA / 12-48Vdc / 31.2W 700mA / 12-48Vdc / 33.6W 750mA / 12-46Vdc / 34.5W 800mA / 12-44Vdc / 35W 900mA / 12-39Vdc / 35W	300mA / 9- 58Vdc / 17.4W	350mA / 9- 58Vdc / 20.3W 400mA / 9- 58Vdc / 23.2W 450mA / 9- 58Vdc / 26.1W 500mA / 9- 58Vdc / 29.0W 550mA / 9- 55Vdc / 30.2W 600mA / 9- 50Vdc / 30.0W 650mA / 9- 46Vdc / 29.9W 700mA / 9- 42Vdc / 29.4W 750mA / 9- 40Vdc / 30.0W 800mA / 9- 38Vdc / 30.4W 850mA / 9- 35Vdc / 29.7W 900mA / 9- 34Vdc / 30.6W
Safety standard	EN61347-1, EN61347-2-13, EN62493, EN60598-1	EN61347-1, EN61347-2-13	
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	
DALI standard	ICE 62386 102, 207, 220, 251, 252, 253	ICE 62386 102, 207	
Certification	CE	CE, ENEC	
Working temperature	-25℃ -+50℃	-25℃ -+50℃	
IP rating	IP20	IP20	
Size	103*67*22	103*67*22	



KL40C-PDiiV2 / KL60C2-PDiiV / KL60C-PDiiV

Product Feature Description

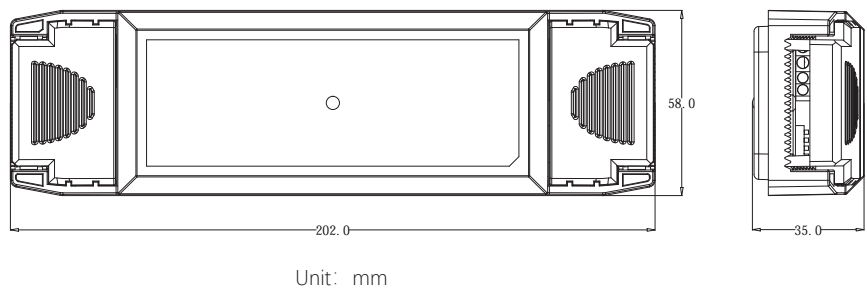
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Support 10V PWM dimming (3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty
- KL60C2-PDiiV is two channel output driver.

Product Certification



Size / Parameter

KL40C-PDiiV2 / KL60C2-PDiiV / KL60C-PDiiV



	KL40C-PDiiV2	KL60C2-PDiiV	KL60C-PDiiV
Dimming interface	Primary PUSH, secondary1-10V, DALI	Primary PUSH, secondary1-10V, Primary PWM, DALI	Primary PUSH, secondary1-10V, Primary PWM, DALI
Dimming range	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac , 50Hz /60Hz	220-240Vac , 50Hz /60Hz	220-240Vac , 50Hz /60Hz
Stand-by power	<0.5W	<0.5W	<0.5W
Working efficiency	85% Max. @230Vac	86% Max. @230Vac	86% Max. @230Vac
Output current / voltage / power	700mA / 9- 57Vdc / 40W 750mA / 9- 54Vdc / 40W 800mA / 9- 50Vdc / 40W 850mA / 9- 47Vdc / 40W 900mA / 9- 45Vdc / 40W 950mA / 9- 42Vdc / 40W 1000mA / 9- 40Vdc / 40W 1050mA / 9- 38Vdc / 40W 1100mA / 9- 36Vdc / 40W 1150mA / 9- 35Vdc / 40W 1200mA / 9- 33Vdc / 40W	350mA / 9- 58Vdc / 2*20.3W 500mA / 9- 58Vdc / 2*29.0W 700mA / 9- 42Vdc / 2*29.4W 900mA / 9- 33Vdc / 2*29.7W	900mA / 9- 58Vdc / 52.2W 1050mA / 9- 58Vdc / 60.9W 1200mA / 9- 50Vdc / 60.0W 1400mA / 9- 43Vdc / 60.2W 1750mA / 9- 34Vdc / 59.5W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE, ENEC	CE, ENEC	CE, ENEC
Working temperature	-25℃ -+50℃	-25℃ -+50℃	-25℃ -+50℃
IP rating	IP20	IP20	IP20
Size	202*58*35	202*58*35	202*58*35

KL40VC-PDiV / KL40VC-PDiV1



KL40VC-PDiV / KL40VC-PDiV1

Product Feature Description

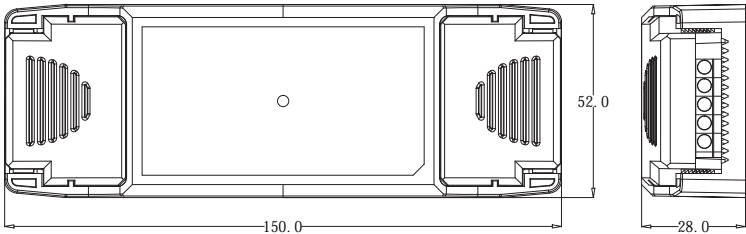
- The product is a constant voltage output LED dimming driver with full range dimming and no flicker
- Built-in DALI DT8 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Two ways output, color temperature function is optional: CC, CW, CC+CW
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED.
- 5 years warranty

Product Certification



Size / Parameter

KL40VC-PDiiV / KL40VC-PDiiV1



Unit: mm

NEW

	KL40VC-PDiiV	KL40VC-PDiiV1
Dimming interface	Primary PUSH, secondary 1-10V, DALI	Primary PUSH, secondary 1-10V, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	88% Max. @230Vac	88% Max. @230Vac
Output current / voltage / power	12Vdc 3.33A MAX	24Vdc 1.67A MAX
Safety standard	EN61347-1, EN61347-2-13,EN62493,EN60598-1	EN61347-1, EN61347-2-13,EN62493,EN60598-1
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 209	ICE 62386 102, 209
Certification	CE	CE
Working temperature	-25°C -+50°C	-25°C -+50°C
IP rating	IP20	IP20
Size	150*52*28	150*52*28

KL90VC-PDiiV / KL120VC-PDiiV1



KL90VC-PDiiV



KL120VC-PDiiV1

Product Feature Description

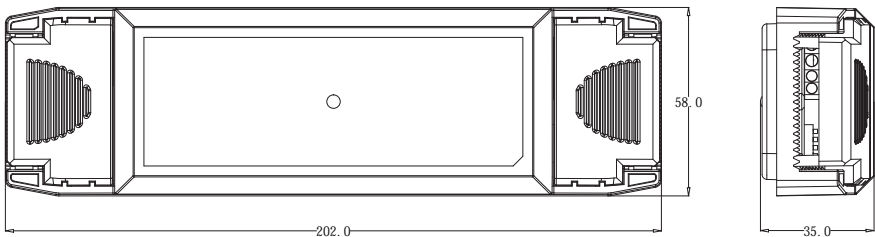
- The product is a constant voltage LED dimming driver with full range dimming and no flicker
- Built-in DALI DT8 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Two ways output, color temperature function is optional: CC, CW, CC+CW
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size / Parameter

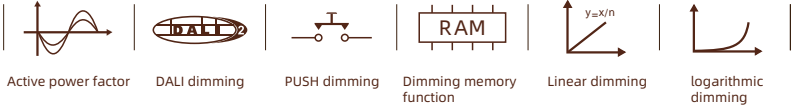
KL90VC-PDiiv / KL120VC-PDiiv1



Unit: mm

	KL90VC-PDiiv	KL120VC-PDiiv1
Dimming interface	Primary PUSH, secondary 1-10V, DALI	Primary PUSH, secondary 1-10V, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	91% Max. @230Vac	92% Max. @230Vac
Output current / voltage / power	7.5A / 12V / 90W	5A / 24V / 120W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 209	ICE 62386 102, 209
Certification	CE	CE
Working temperature	-25°C - +50°C	-25°C - +40°C
IP rating	IP20	IP20
Size	202*58*35	202*58*35

KL40V-PDiV / KL40V-PDiV1



KL40V-PDiV / KL40V-PDiV1

Product Feature Description

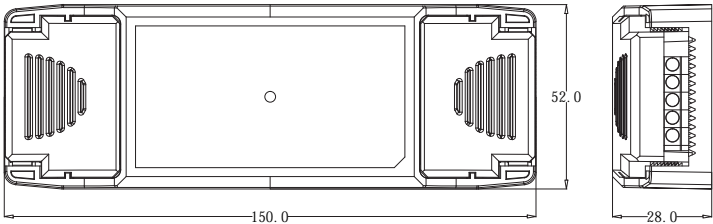
- The product is a constant voltage LED dimming driver with full range dimming and no flicker.
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function,
- PUSH dimming has state memory function
- Support 10V PWM dimming(3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED.
- 5 years warranty

Product Certification



Size / Parameter

KL40V-PDiiV / KL40V-PDiiV1



Unit: mm

NEW

	KL40V-PDiiV	KL40V-PDiiV1
Dimming interface	Primary PUSH, secondary 1-10V, secondary PWM, DALI	Primary PUSH, secondary 1-10V, secondary PWM, DALI
Dimming range	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	87% Max. @230Vac	89% Max. @230Vac
Output current / voltage / power	12Vdc 3.33A MAX	24Vdc 1.67A MAX
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE	CE
Working temperature	-25℃ - +50℃	-25℃ - +50℃
IP rating	IP20	IP20
Size	150*52*28	150*52*28



KL90V-PDiiV1 / KL120V-PDiiV1

Product Feature Description

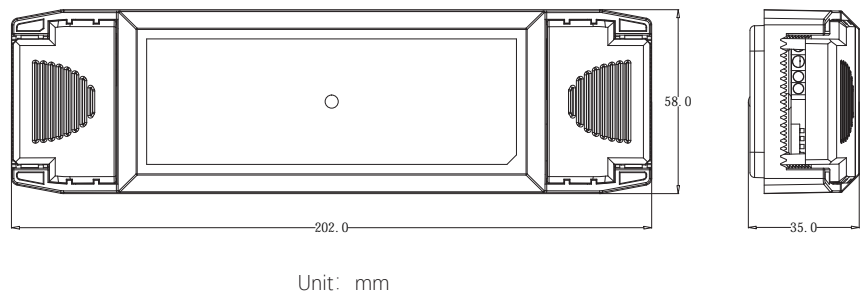
- The product is a constant voltage LED dimming driver with full range dimming and no flicker
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Support 10V PWM dimming (3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



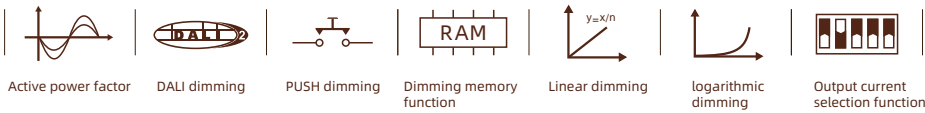
Size / Parameter

KL90V-PDiV1 / KL120V-PDiV1



	KL90V-PDiV	KL90V-PDiV1	KL120V-PDiV1
Dimming interface	Primary PUSH, secondary 1-10V, primary PWM, DALI	Primary PUSH, secondary 1-10V, primary PWM, DALI	Primary PUSH, secondary 1-10V, primary PWM, DALI
Dimming range	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W	<0.5W
Working efficiency	91% Max. @230Vac	92% Max. @230Vac	92% Max. @230Vac
Output current / voltage / power	12Vdc 7.5A MAX	24Vdc 3.75A MAX	24Vdc 5A MAX
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE	CE	CE
Working temperature	-25°C -+50°C	-25°C -+50°C	-25°C -+40°C
IP rating	IP20	IP20	IP20
Size	202*58*35	202*58*35	202*58*35

KL60C-PDii / KL90C-PDii / KL120C-PDii / KL150C-PDii



KL60C-PDii / KL90C-PDii / KL120C-PDii / KL150C-PDii

Product Feature Description

- The product is a non-isolated constant current output LED dimming driver with full range dimming and flicker-free.
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size / Parameter

Technical drawing of a long, narrow rectangular object, likely a door or panel. The main drawing shows a height of 30.0 and a width of 274.0. A smaller detail view on the right shows a section of the object with a width of 20.0.

	KL60C-PDii	KL90C-PDii	KL120C-PDii	KL150C-PDii
Dimming interface	Primary PUSH, DALI	Primary PUSH DALI	Primary PUSH, DALI	Primary PUSH, DALI
Dimming range	2%-100%	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W	<0.5W	<0.5W
Working efficiency	93% Max. @230Vac	93% Max. @230Vac	93% Max. @230Vac	93% Max. @230Vac
Output current / voltage / power	200mA / 80-300Vdc / 60W 250mA / 80-240Vdc / 60W 300mA / 80-200Vdc / 60W 350mA / 80-170Vdc / 60W 400mA / 80-150Vdc / 60W 450mA / 80-133Vdc / 60W 500mA / 80-120Vdc / 60W	300mA / 80-300Vdc / 90W 350mA / 80-258Vdc / 90W 450mA / 80-200Vdc / 90W 500mA / 80-180Vdc / 90W 550mA / 80-164Vdc / 90W 650mA / 80-139Vdc / 90W 700mA / 80-129Vdc / 90W	300mA / 80-330Vdc / 99W 350mA / 80-330Vdc / 116W 450mA / 80-266Vdc / 120W 500mA / 80-240Vdc / 120W 550mA / 80-219Vdc / 120W 650mA / 80-185Vdc / 120W 700mA / 80-172Vdc / 120W	500mA / 80-300Vdc / 150W 600mA / 80-250Vdc / 150W 700mA / 80-214Vdc / 150W 800mA / 80-187Vdc / 150W 900mA / 80-166Vdc / 150W 1000mA / 80-150Vdc / 150W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207	ICE 62386 102, 207	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE, CB, UKCA, ENEC	CE, CB, UKCA, ENEC	CE, CB, UKCA, ENEC	CE, CB, UKCA, ENEC
Working temperature	-25℃ - +50℃	-25℃ - +50℃	-25℃ - +50℃	-25℃ - +50℃
IP rating	IP20	IP20	IP20	IP20
Size	284*30*20.5	284*30*20.5	284*30*20.5	284*30*20.5



Product Feature Description

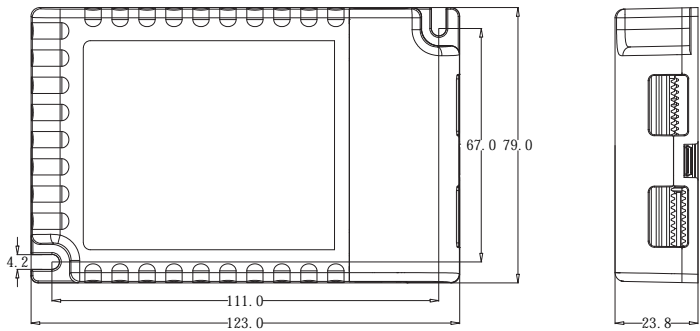
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- KL40C-PDiiV / 1, KL50C-PDiiV / 1 support secondary 1-10V dimming function, no shutdown below 1V;
Primary PUSH dimming function, PUSH dimming has state memory function
- KL40C-PDiiV / 1, KL50C-PDiiV / 1 support 10V PWM dimming (3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection,
reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size

KL40C-PDiiV / KL40C-PDiiV1 / KL46C-PDii
 KL50C-PDiiV / KL50C-PDiiV2 / KL60C-DiiP



Unit: mm

Parameter

KL40C-PDiIV

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	87% Max. @230Vac		
Output current / voltage / power	500mA / 9- 58Vdc / 29.0W	550mA / 9- 58Vdc / 31.9W	
	600mA / 9- 58Vdc / 34.8W	650mA / 9- 58Vdc / 37.7W	
	700mA / 9- 58Vdc / 40.6W	750mA / 9- 53Vdc / 39.7W	
	800mA / 9- 50Vdc / 40.0W	850mA / 9- 47Vdc / 40.0W	
	900mA / 9- 45Vdc / 40.5W	950mA / 9- 42Vdc / 39.9W	
	1000mA / 9- 40Vdc / 40.0W	1050mA / 9- 38Vdc / 39.9W	
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, ENEC		
Working temperature	-25°C - +50°C		
IP rating	IP20		
Size	123*79*23.8		



KL40C-PDiIV1

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	86% Max. @230Vac		
Output current / voltage / power	700mA / 9- 57Vdc / 39.9W	750mA / 9- 54Vdc / 40.5W	
	800mA / 9- 50Vdc / 40.0W	850mA / 9- 47Vdc / 39.9W	
	900mA / 9- 45Vdc / 40.5W	950mA / 9- 42Vdc / 39.9W	
	1000mA / 9- 40Vdc / 40.0W	1050mA / 9- 38Vdc / 39.9W	
	1100mA / 9- 36Vdc / 39.6W	1150mA / 9- 35Vdc / 40W	
	1200mA / 9- 33Vdc / 39.6W		
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, ENEC		
Working temperature	-25°C - +50°C		
IP rating	IP20		
Size	123*79*23.8		



Parameter

KL46C-PDii

Dimming interface	Primary PUSH, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	87% Max. @230Vac
Output current / voltage / power	700mA / 9-53Vdc / 37.1W 750mA / 9-53Vdc / 39.8W 800mA / 9-53Vdc / 42.4W 850mA / 9-53Vdc / 45W 900mA / 9-50Vdc / 45W 950mA / 9-48Vdc / 45.6W 1000mA / 9-46Vdc / 46W 1050mA / 9-44Vdc / 46W
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207, 220, 251, 252, 253
Certification	CE
Working temperature	-25°C - +50°C
IP rating	IP20
Size	123*79*23.8



KL50C-PDiIV

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	86% Max. @230Vac
Output current / voltage / power	700mA / 9- 58Vdc / 40.6W 800mA / 9- 58Vdc / 46.4W 900mA / 9- 56Vdc / 50W 1050mA / 9- 48Vdc / 50W 1200mA / 9- 41Vdc / 50W 1300mA / 9- 38Vdc / 50W 1400mA / 9- 36Vdc / 50W
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207
Certification	CE, ENEC
Working temperature	-25°C - +50°C
IP rating	IP20
Size	123*79*23.8



Parameter

KL50C-PDiIV2

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	86% Max. @230Vac		
Output current / voltage / power	700mA / 9- 58Vdc / 40.6W	750mA / 9- 58Vdc / 43.5W	
	800mA / 9- 58Vdc / 46.4W	850mA / 9- 58Vdc / 49.3W	
	900mA / 9- 58Vdc / 52.2W	950mA / 9- 53Vdc / 50.3W	
	1000mA / 9- 50Vdc / 50.0W	1050mA / 9- 48Vdc / 50.4W	
	1100mA / 9- 45Vdc / 49.8W	1150mA / 9- 43Vdc / 49.4W	
	1200mA / 9- 42Vdc / 50.4W	1250mA / 9- 40Vdc / 50.0W	
	1300mA / 9- 38Vdc / 49.4W	1350mA / 9- 37Vdc / 49.9W	
	1400mA / 9- 36Vdc / 50.4W		
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, ENEC		
Working temperature	-25°C -+50°C		
IP rating	IP20		
Size	123*79*23.8		



KL60C-DiiP

Dimming interface	Primary PUSH, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	86% Max. @230Vac		
Output current / voltage / power	350mA / 9-71Vdc / 24.8W	500mA / 9-71Vdc / 35.5W	
	550mA / 9-71Vdc / 39W	650mA / 9-71Vdc / 46W	
	700mA / 9-71Vdc / 49.7W	750mA / 9-71Vdc / 53.25W	
	850mA / 9-70Vdc / 60W	900mA / 9-66Vdc / 60W	
	1000mA / 9-60Vdc / 60W	1050mA / 9-57Vdc / 60W	
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, ENEC		
Working temperature	-25°C -+50°C		
IP rating	IP20		
Size	123*79*23.8		





Product Feature Description

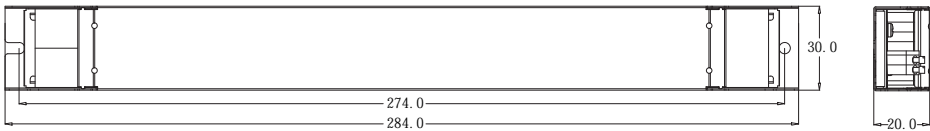
- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- Built-in DALI DT6 interface to realize DALI master control
- The product can realize DALI2.0 dimming function, with stable performance and no loss of address code
- Secondary 1-10V dimming function, no shutdown below 1V; Primary PUSH dimming function, PUSH dimming has state memory function
- Support 10V PW dimming (3KHz-8KHz)
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- 5 years warranty

Product Certification



Size

KL30C-PDiiV1 / KL38C-PDiiV1 / KL50C-PDiiV3 /
KL50C-PDiiV4 / KL60C-PDiiV1 / KL70C-PDiiV1 / KL46C-PDii1



Unit: mm

Parameter



	KL46C-PDii1	KL30C-PDiiV1	KL38C-PDiiV1
Dimming interface	Primary PUSH, DALI	Primary PUSH, secondary 1-10V, Primary PWM, DALI	Primary PUSH, secondary 1-10V, Primary PWM, DALI
Dimming range	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W	<0.5W
Working efficiency	85% Max. @230Vac	86% Max. @230Vac	87% Max. @230Vac
Output current / voltage / power	250mA / 50-130Vdc /32.5W 300mA / 50-130Vdc /39W 350mA / 50-130Vdc /46W 400mA / 50-110Vdc /44W 500mA / 50-92Vdc /46W	200mA / 18-90Vdc / 18W 250mA / 18-90Vdc / 22.5W 300mA / 18-90Vdc / 27W 350mA / 18-85Vdc / 30W 400mA / 18-75Vdc / 30W 450mA / 18-67Vdc / 30W 500mA / 18-60Vdc / 30W 550mA / 18-55Vdc / 30W	300mA / 9-60Vdc / 18W 350mA / 9-60Vdc / 21W 400mA / 9-60Vdc / 24W 450mA / 9-60Vdc / 27W 500mA / 9-60Vdc / 30W 550mA / 9-60Vdc / 33W 600mA / 9-60Vdc / 36W 650mA / 9-58Vdc / 38W 700mA / 9-54Vdc / 38W 750mA / 9-51Vdc / 38W 800mA / 9-47Vdc / 38W 850mA / 9-45Vdc / 38W 900mA / 9-42Vdc / 38W
Safety standard	EN61347-1, EN61347-2-13 EN62493,EN60598-1	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3	EN55015 EN61547 EN61000-3-2 EN61000-3-3
DALI standard	ICE 62386 102, 207, 220, 251, 252, 253	ICE 62386 102, 207	ICE 62386 102, 207
Certification	CE	CE, UKCA	CE, UKCA
Working temperature	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C
IP rating	IP20	IP20	IP20
Size	284*30*20.5	284*30*20.5	284*30*20.5

Parameter

KL50C-PDiV4

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	87% Max. @230Vac		
Output current / voltage / power	600mA / 12-73Vdc / 43.8W	650mA / 12-73Vdc / 48W	
	700mA / 12-72Vdc / 50W	750mA / 12-66Vdc / 50W	
	800mA / 12-62Vdc / 50W	850mA / 12-59Vdc / 50W	
	900mA / 12-56Vdc / 50W	950mA / 12-53Vdc / 50W	
	1000mA / 12-50Vdc / 50W	1050mA / 12-48Vdc / 50W	
	1100mA / 12-45Vdc / 50W	1150mA / 12-43Vdc / 50W	
	1200mA / 12-41Vdc / 50W		
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, UKCA		
Working temperature	-25°C -+50°C		
IP rating	IP20		
Size	284*30*20.5		



KL50C-PDiV3

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	87% Max. @230Vac		
Output current / voltage / power	700mA / 9-58Vdc / 40.6W	800mA / 9-58Vdc / 46.4W	
	850mA / 9-58Vdc / 49.3W	900mA / 9-55Vdc / 50W	
	950mA / 9-52Vdc / 49.4W	1000mA / 9-50Vdc / 50W	
	1050mA / 9-48Vdc / 50W	1100mA / 9-45Vdc / 50W	
	1150mA / 9-44Vdc / 50W	1200mA / 9-42Vdc / 50W	
	1250mA / 9-40Vdc / 50W	1300mA / 9-39Vdc / 50W	
	1400mA / 9-36Vdc / 50W		
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, UKCA		
Working temperature	-25°C -+50°C		
IP rating	IP20		
Size	284*30*20.5		



Parameter

KL60C-PDiV1

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	87% Max. @230Vac		
Output current / voltage / power	700mA / 9-58Vdc / 40.6W	800mA / 9-58Vdc / 46.4W	
	850mA / 9-58Vdc / 49.3W	900mA / 9-58Vdc / 52.2W	
	950mA / 9-58Vdc / 55.1W	1000mA / 9-58Vdc / 58W	
	1050mA / 9-57Vdc / 60W		
	1150mA / 9-52Vdc / 60W	1200mA / 9-50Vdc / 60W	
	1250mA / 9-48Vdc / 60W	1300mA / 9-46Vdc / 60W	
	1400mA / 9-43Vdc / 60W		
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, UKCA		
Working temperature	-25°C - +50°C		
IP rating	IP20		
Size	284*30*20.5		



KL70C-PDiV1

Dimming interface	Primary PUSH, secondary 1-10V, Primary PWM, DALI		
Dimming range	2%-100%		
Input voltage	220-240Vac, 50Hz / 60Hz		
Stand-by power	<0.5W		
Working efficiency	87% Max. @230Vac		
Output current / voltage / power	700mA / 9-66Vdc / 46.2W	800mA / 9-66Vdc / 52.8W	
	850mA / 9-66Vdc / 56.1W	900mA / 9-66Vdc / 59.4W	
	950mA / 9-66Vdc / 62.7W	1000mA / 9-66Vdc / 66W	
	1050mA / 9-66Vdc / 69.3W	1150mA / 9-61Vdc / 70W	
	1200mA / 9-58Vdc / 70W	1250mA / 9-56Vdc / 70W	
	1300mA / 9-54Vdc / 70W	1400mA / 9-50Vdc / 70W	
Safety standard	EN61347-1, EN61347-2-13		
EMC standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3		
DALI standard	ICE 62386 102, 207		
Certification	CE, UKCA		
Working temperature	-25°C - +50°C		
IP rating	IP20		
Size	284*30*20.5		



0 / 1-10V Dimmable / IOT LED Driver

Flicker-free LED dimmable technology

"Flicker-free LED driver refers to: A power supply that can drive LED lamps to emit light without causing flicker or producing minimal flicker. Traditional incandescent lamps, fluorescent lamps, high-pressure sodium lamps, etc. are directly powered by alternating current and will produce 100Hz or 120Hz flicker. Although it is invisible to the human eye, when taking photos of objects with a camera or smartphone under light, striped water ripples will appear on the camera or mobile phone display. This is what we call "flicker".

Kreatpower adopts PWM+PFM flicker-free dimming technology to achieve completely flicker-free dimming within the 2%-100% dimming range."

Stand-by power consumption is less than 0.5W

Kreatpower LED driver comply with the latest energy consumption standards. The stand-by power consumption of DALI, 1-10V and Push LED dimming power supply is less than 0.5W.



Dimming memory function

The built-in MCU saves the dimming parameter status. After a long power outage and then on again, it will return to the previous dimming status, improving the user experience.

Deep dimming

Using a bipolar circuit design, it can achieve 0-100% depth dimming while achieving full-range dimming without flicker.

Separate IOT module design

Adopting the adjustable structure of the IOT module, the antenna angle can be adjusted within the range of 0-90°; this can change the wireless transmission distance and adapt to a variety of application environments.



KL12C-PV



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KL25C-PV3



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KL35C-PV



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KL50C2-PV



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KL50C-PV5



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ML20C-Zi



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ML46C-Zi



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ML20CC-Zi

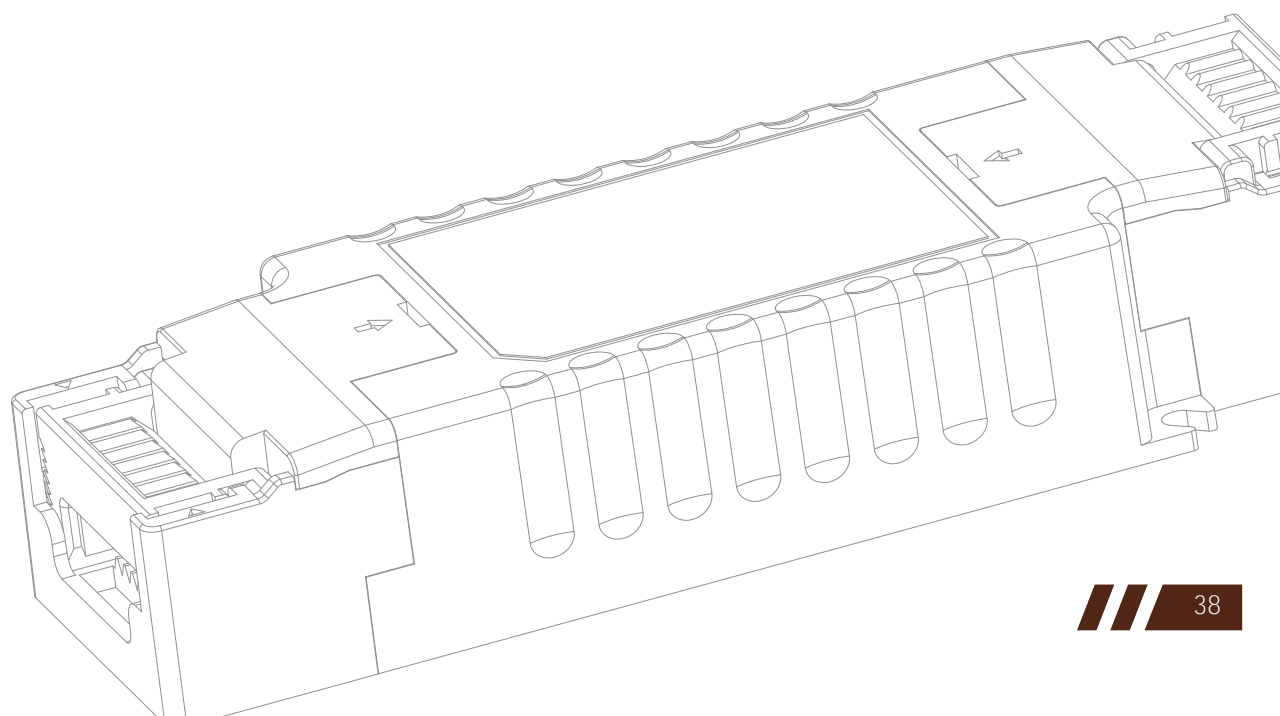


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ML46CC-Zi

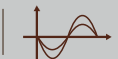



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KL25C-PV3


0/1-10V dimming


Active power factor

PUSH dimming

1-10V dimming

Dimming memory function

Linear dimming

Output current selection function

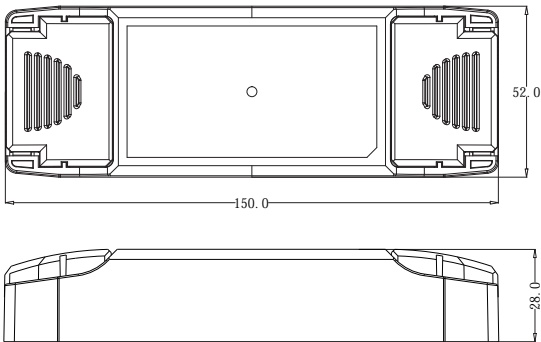
Product Feature Description

- The product is a current power output LED dimming driver with full range dimming and flicker-free
- The product has secondary 0 / 1-10V dimming function, which is safe and reliable
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection,
- reduce the output current after over temperature to ensure safe operation of LED
- Support PWM dimming
- 5 years warranty



Size / Parameter

Dimming interface	Primary PUSH, 0-10V, Primary PWM, secondary PUSH
Dimming range	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W
Working efficiency	86% Max. @230Vac
Output current / voltage / power	250mA / 9-60Vdc / 15W 350mA / 9-60Vdc / 21W 400mA / 9-60Vdc / 24W 450mA / 9-56Vdc / 25W 500mA / 9-50Vdc / 25W 550mA / 9-45Vdc / 25W 600mA / 9-41Vdc / 25W 700mA / 9-36Vdc / 25W
Safety standard	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Certification	CE
Working temperature	-25°C-+50°C
IP rating	IP20
Size	150*52*28



Unit: mm



KL35C-PV / KL50C2-PV / KL50C-PV5



KL35C-PV



KL50C2-PV / KL50C-PV5

Product Feature Description

- The product is a constant current output LED dimming driver with full range dimming and flicker-free
- The product has secondary 0 / 1-10V dimming function, which is safe and reliable
- Primary PUSH dimming function, PUSH dimming has state memory function
- Output short circuit / open circuit / over temperature / over voltage protection, reduce the output current after over temperature to ensure safe operation of LED
- Support PWM dimming
- 5 years warranty

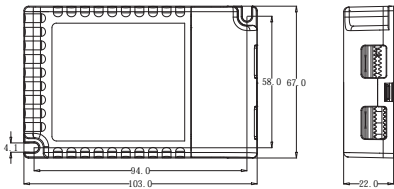
Product Certification



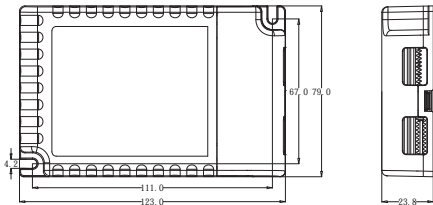
0 / 1-10V dimming

Size / Parameter

KL35C-PV



KL50C2-PV / KL50C-PV5



Unit: mm

	KL35C-PV	KL50C2-PV	KL50C-PV5
Dimming interface	Primary PUSH, 0-10V, Primary PWM, Secondary Push	Primary PUSH, 0-10V, Primary PWM, Secondary Push	Primary PUSH, 0-10V, Primary PWM, Secondary Push
Dimming range	2%-100%	2%-100%	2%-100%
Input voltage	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz	220-240Vac, 50Hz / 60Hz
Stand-by power	<0.5W	<0.5W	<0.5W
Working efficiency	88% Max. @230Vac	89% Max. @230Vac	89% Max. @230Vac
Output current / voltage / power	250mA / 6-60Vdc / 15W 350mA / 6-60Vdc / 21W 450mA / 6-60Vdc / 27W 500mA / 6-60Vdc / 30W 550mA / 6-60Vdc / 33W 600mA / 6-58Vdc / 35W 700mA / 6-50Vdc / 35W 800mA / 6-44Vdc / 35W	350mA / 9 ~ 50Vdc / 17.5W 9 ~ 50Vdc / 17.5W 500mA / 9 ~ 50Vdc / 25W 9 ~ 52Vdc / 26W 550mA / 9 ~ 45Vdc / 25W 9 ~ 52Vdc / 29W 700mA / 9 ~ 36Vdc / 25W 9 ~ 50Vdc / 35W 750mA / 9 ~ 33Vdc / 25W 9 ~ 48Vdc / 36W 900mA / 9 ~ 28Vdc / 25W 9 ~ 40Vdc / 36W Notice: The total power of the two outputs cannot exceed 50W; Po1+Po2≤50W	500mA / 6 ~ 60Vdc / 30W 600mA / 6 ~ 60Vdc / 36W 650mA / 6 ~ 60Vdc / 39W 700mA / 6 ~ 60Vdc / 42W 750mA / 6 ~ 60Vdc / 45W 800mA / 6 ~ 60Vdc / 48W 850mA / 6 ~ 58Vdc / 50W 900mA / 6 ~ 55Vdc / 50W 950mA / 6 ~ 52Vdc / 50W 1000mA / 6 ~ 50Vdc / 50W 1050mA / 6 ~ 47Vdc / 50W 1100mA / 6 ~ 45Vdc / 50W 1200mA / 6 ~ 41Vdc / 50W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Certification	CE	CE	CE
Working temperature	-25℃ - +50℃	-25℃ - +50℃	-25℃ - +50℃
IP rating	IP20	IP20	IP20
Size	103*67*22	123*79*23.8	123*79*23.8

ML20C-Zi / ML46C-Zi



ML20C-Zi



ML46C-Zi

Product Feature Description

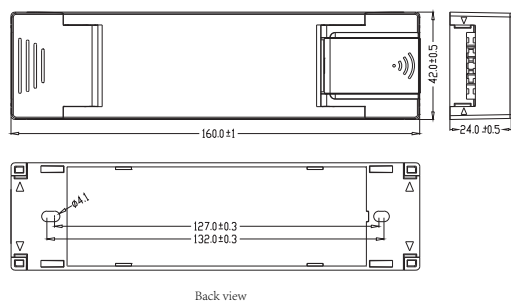
- Isolated stroboscopic LED driver + Zigbee3.0 wireless module integrated design, with slow on and off function
- Tuya Zigbee3.0, quickly docking Tuya ecological intelligent devices, to achieve single light, group, scene and other remote control
- Monochromatic temperature dimming drive, bipolar circuit design, with 0-100% depth dimming, dimming curve smooth advantages
- 35m stable wireless transmission
- Separate IOT module design, antenna Angle adjustable, suitable for a variety of application environments
- The output current can be adjusted by dip switches

Product Certification

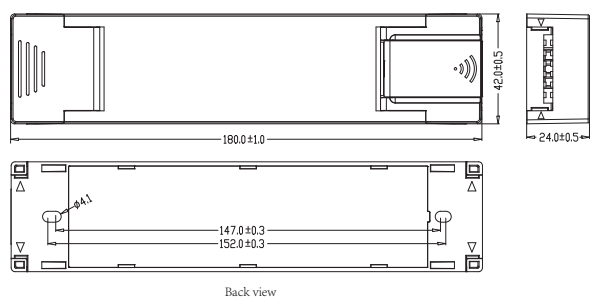


Size / Parameter

ML20C-Zi



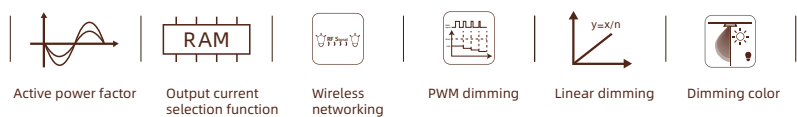
ML46C-Zi



Unit: mm

	ML20C-Zi	ML46C-Zi
Dimming interface	N/A	N/A
Dimming range	2-100%	2-100%
Input voltage	220-240Vac, 50 / 60Hz	220-240Vac, 50 / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	84% Max. @230Vac	88% Max. @230Vac
Output current / voltage / power	300mA / 9-42Vdc / 12.6W 350mA / 9-42Vdc / 14.7W 400mA / 9-42Vdc / 16.8W 450mA / 9-42Vdc / 18.9W 500mA / 9-40Vdc / 20W 550mA / 9-36Vdc / 20W 600mA / 9-32Vdc / 20W 650mA / 9-30Vdc / 20W 700mA / 9-28Vdc / 20W	600mA / 9-53Vdc / 31.8W 650mA / 9-53Vdc / 34.5W 700mA / 9-53Vdc / 37.1W 750mA / 9-53Vdc / 39.8W 800mA / 9-53Vdc / 42.4W 850mA / 9-53Vdc / 45.1W 900mA / 9-50Vdc / 45W 950mA / 9-48Vdc / 46W 1000mA / 9-46Vdc / 46W 1050mA / 9-44Vdc / 46W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Certification	CE	CE
Working temperature	-25-45℃	-25-45℃
IP rating	IP20	IP20
Size	160*42*24	180*42*24

ML20CC-Zi / ML46CC-Zi



ML20CC-Zi



ML46CC-Zi

Product Feature Description

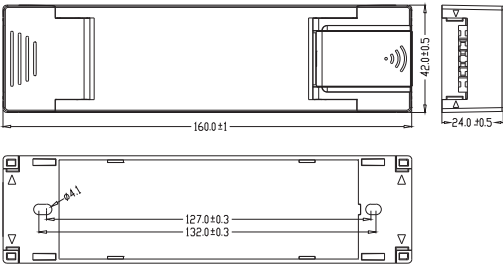
- Isolated stroboscopic LED driver + Zigbee3.0 wireless module integrated design, with slow on and off function
- Tuya Zigbee3.0, quickly docking Tuya ecological intelligent devices, to achieve single light, group, scene and other remote control
- Double color temperature dimming drive, bipolar circuit design, with 0-100% depth dimming, dimming curve smooth advantages
- 35m stable wireless transmission
- Separate IOT module design, antenna Angle adjustable, suitable for a variety of application environments
- The output current can be adjusted by dip switches

Product Certification



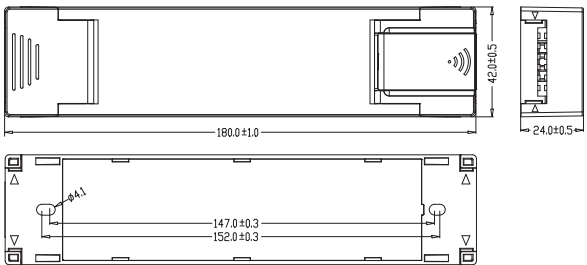
Size / Parameter

ML20CC-Zi



Back view

ML46CC-Zi



Back view

Unit: mm

	ML20C-Zi	ML46C-Zi
Dimming interface	N/A	N/A
Dimming range	2-100%	2-100%
Input voltage	220-240Vac, 50 / 60Hz	220-240Vac, 50 / 60Hz
Stand-by power	<0.5W	<0.5W
Working efficiency	84% Max. @230Vac	88% Max. @230Vac
Output current / voltage / power	250mA / 9-50Vdc / 12.5W 300mA / 9-50Vdc / 15W 350mA / 9-50Vdc / 17.5W 400mA / 9-50Vdc / 20W	700mA / 9-53Vdc / 37.1W 750mA / 9-53Vdc / 39.8W 800mA / 9-53Vdc / 42.4W 850mA / 9-53Vdc / 45W 900mA / 9-50Vdc / 45W 950mA / 9-48Vdc / 46W 1000mA / 9-46Vdc / 46W 1050mA / 9-44Vdc / 46W
Safety standard	EN61347-1, EN61347-2-13	EN61347-1, EN61347-2-13
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Certification	CE	CE
Working temperature	-25-45℃	-25-45℃
IP rating	IP20	IP20
Size	160*42*24	180*42*24



The built-in MCU monitors the battery's operation process and promptly corrects overcharge, over-discharge or multiple short-term discharges during the charging and discharging process to reduce the memory effect of the battery, extend the service life of the battery, and monitor the status of the battery.

The built-in MCU tests the emergency power supply's weekly and annual battery duration, monitors abnormalities during the test, records the battery duration during the annual duration test, and records the entire power supply running time.



KE002-Series



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KE007-Series



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KE014-Series




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KE003-Series



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KE002-Series


Emergency power supply


Short-circuit protection



Over-temperature protection



Open circuit protection


Deep discharge protection


Battery maintenance


Constant power


Automatic test

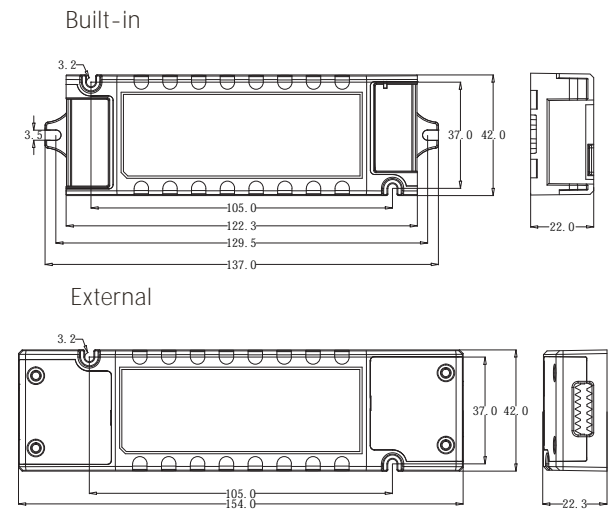

Restoration

Built-in battery series

Product Feature Description

- The product is a constant power output LED Emergency power supply with a wide output voltage range that can match more luminaires
- The product has output overvoltage / open circuit / short circuit protection to ensure the safety of back-end products
- There is an efficient BMS battery management system to protect battery life
- There is a built-in indicator in the product which can check the test condition clearly
- This product support built-in and external installation that can match various application environment

Size / Parameter



Unit: mm

Input voltage	220-240Vac, 50Hz / 60Hz
Output voltage	20-60Vdc
Emergency power	1W / 2W / 2.5W
Emergency time	3h
Battery	Li-ion
Protection	BMS management Output over voltage / open circuit/short circuit protection
Charging time	24hour
Working temperature	0℃ -50℃
Test mode	Automatic / Manual
Certification	CE
Size	External Installation: 154*42*22 Built-in Installation: 122*42*22

Automatic test	01A180KB	02A180KB	03A180KB
Manual test	01M180KB	02M180KB	03M180KB
Emergency power	1W	2W	2.5W
Load output current	15-50mA	30-100mA	40-125mA
Li-ion	3.7V, 2000mAh	3.7V, 2600mAh	

KE007-Series

External battery series


Emergency power supply


Short-circuit protection


Over-temperature protection


Open circuit protection


Deep discharge protection


Battery maintenance


Constant power


Automatic test


Restoration

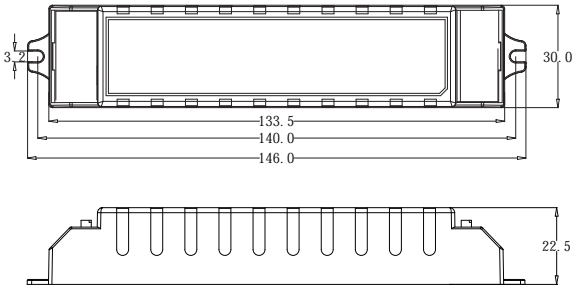
Product Feature Description

- The product is a constant power output LED Emergency power supply with a wide output voltage range that can match more luminaires
- The product has output overvoltage / open circuit / short circuit protection to ensure the safety of back-end products
- There is an efficient BMS battery management system to protect battery life
- There is a built-in indicator in the product which can check the test condition clearly
- Equipped with battery protection plate to ensure safe battery installation



Size / Parameter


Input voltage	220-240Vac, 50Hz / 60Hz
Output voltage	80-200Vdc
Emergency power	2W/2.5W/4W/5W
Emergency time	3h
Battery	LiFePo4
Protection	BMS management Output over voltage / open circuit / short circuit protection
Charging time	24 hour
Working temperature	0℃-50℃
Test mode	Automatic/Manual
Certification	CE
Size	133.5*30*22.5




Unit: mm

Automatic test	02A180HE	03A180HE	04A180HE	05A180HE
Manual test	02M180HE	03M180HE	04M180HE	05M180HE
Emergency power	2W	2.5W	4W	5W
Load output current	25-10mA	30-12mA	45-20mA	57-23mA
LiFePo4	6.4V, 1.8Ah	6.4V, 1.8Ah	6.4V, 3.6Ah	6.4V, 3.6Ah


KE014-Series




Emergency power supply




Short-circuit protection




Over-temperature protection




Open circuit protection




Deep discharge protection




Battery maintenance



Constant power



Automatic test



Restoration

External battery series

Product Feature Description

- The product is a constant power output LED Emergency power supply with a wide output voltage range that can match more luminaires.
- The product has output overvoltage / open circuit / short circuit protection to ensure the safety of back-end products
- There is an efficient BMS battery management system to protect battery life
- There is a built-in indicator in the product which can check the test condition clearly
- Equipped with battery protection plate to ensure safe battery installation

Size / Parameter

Unit: mm

Input voltage	220-240Vac, 50Hz / 60Hz
Output voltage	20-60Vdc
Emergency power	2W / 3W / 4W / 5W
Emergency time	3h
Battery	LiFePo4
Protection	BMS management Output over voltage/ open circuit/short circuit protection
Charging time	24hour
Working temperature	0℃-50℃
Test mode	Automatic / Manual
Certification	CE
Size	133.5*30*22.5

Automatic test	02A180HE	03A180HE	04A180HE	05A180HE
Manual test	02M180HE	03M180HE	04M180HE	05M180HE
Emergency power	2W	3W	4W	5W
Load output current	30-100mA	45-130mA	65-200mA	80-230mA
LiFePo4	6.4V, 1800mAh	6.4V, 1800mAh	6.4V, 3600mAh	6.4V, 3600mAh

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KE003-Series

External battery series


Emergency power supply


Short-circuit protection


Over-temperature protection


Open circuit protection


Deep discharge protection


Battery maintenance


Constant power


Automatic test


Restoration

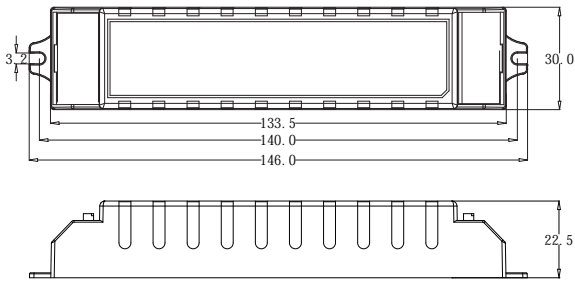
Product Feature Description

- The product is a constant power output LED Emergency power supply with a wide output voltage range that can match more luminaires
- The product has output overvoltage / open circuit / short circuit protection to ensure the safety of back-end products
- There is an efficient BMS battery management system to protect battery life
- There is a built-in indicator in the product which can check the test condition clearly
- Equipped with battery protection plate to ensure safe battery installation



Size / Parameter

Input voltage	220-240Vac , 50Hz / 60Hz
Output voltage	20-60Vdc
Emergency power	2W / 3W / 4W / 5W
Emergency time	3h
Battery	Li-ion / LiFePo4
Protection	BMS management Output over voltage / open circuit / short circuit protection
Charging time	24 hour
Working temperature	0℃-50℃
Test mode	Automatic / Manual
Certification	CE
Size	133.5*30*22.5



Unit: mm

Automatic test	02A180HE	03A180HE	04A180HE	05A180HE
Manual test	02M180HE	03M180HE	04M180HE	05M180HE
Emergency power	2W	3W	4W	5W
Load output current	30-100mA	50-150mA	65-200mA	80-250mA
LiFePo4	6.4V, 1600mAh	6.4V, 3600mAh	6.4V, 3600mAh	6.4V, 3600mAh

Automatic test	03A180KE	04A180KE	05A180KE
Manual test	03M180KE	04M180KE	05M180KE
Emergency power	3W	4W	5W
Load output current	50-150mA	65-200mA	80-250mA
Li-ion	7.4V, 2600mAh	7.4V, 2600mAh	7.4V, 4000mAh

Features of Kreat Power series



Active PFC

LED driver has positive active power factor function, the harmonic current of power input is small. small interference to the power grid , it can improve the utilization of the power grid.



DALI Driver

DALI LED driver has the DALI interface, it meets the requirements of the DALI protocol, achieves the soft lighting adjustment, and real-time transmits the brightness values and power status information. It is available on the market mainstream DALI master for dimming control.



Push Dimmable

LED driver can adjust the light through the PUSH switch, it is able to turn on/off the driver by pressing the PUSH switch shortly and to adjust the light level when long pressing the switch . The same PUSH switch can connect and control multiple LED drivers and achieve dimming synchronization.



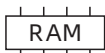
1-10V Dimmable

LED driver can adjust the light through the 1-10V dimmer, the output current of LED driver and the voltage of 1-10V terminal can be adjusted linearly.



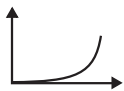
Optional output current

The user can select different current through the DIP switch and fit the corresponding LED lamp.



Dimming Push Memory

LED driver has PUSH dimming memory function. When adjusting to the desired brightness, the MCU (Micro controller Unit) of the internal driver will save this record. When turning on the driver again, it will restore the previous brightness level automatically.



Logarithmic Dimming

DALI LED driver has logarithmic dimming function, it can achieve lighting soft adjustment.



Linear Curve

The output current of LED driver can be adjusted linearly.



LED Emergency Converter Series.

LED Emergency Converter



Short Circuit Protection

Whether the LED Emergency Converter output port or the two poles of the battery have a short circuit, the circuit can be cut off immediately and an alarm will be taken, recovery after the fault is removed.



Over Temperature Protection

Abnormal over temperature occurred, the circuit can be cut off immediately and an alarm will be taken, recovery after the fault is removed.



Over Load Protection

When the LED Emergency Converter reaches the over load power, the limited power protection will be carried out, recovery after the fault is removed.



Deep Discharge Protection

Disconnect the battery pack when it is over discharge, prevent excessive discharge.



Self-Test

According to IEC62034, perform weekly test or annual test on LED Emergency Converter system and monitor system running status, if any exception occurs, an alarm will be taken.



Battery Maintenance Function

Keep monitoring the operation state of the battery, it helps to reduce the memory effect of the NiCd battery, improve its life.



Open Circuit Protection

Whether the LED Emergency Converter output port or the two poles of the battery have an open circuit, the circuit can be cut off immediately and an alarm will be taken, recovery after the fault is removed.



Constant Power

The emergency power of the LED Emergency Converter is kept constant under the different load voltage.



Reset

After installation, the initial factory setting will be restored.



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