



WIZLED

PRODUCTS CATALOGUE



MADE IN KOREA



Factory in

KOREA



INNOCITY
중소기업기술혁신지원

Venture for
Tomorrow



CONTENTS

01 Company

Overview, History	03
Certification	04
Production facility	06
Delivery performance	08

02 LED Module

1.2W / 1W / 0.72W	10
2.16W / 1.44W / 0.48W	11
Color / R.G.B.	12

03 LED Converter

CE Type	13
Standard Type	14
Premium Type	16
VS Type	17
SLIM Type	18
KS Type	19



Overview

Company Name	WIZLED Co., LTD
CEO	Dae-Yong Chung
Product	LED Module, SMPS, LED Lighting
address	522 Mega Valley, 268, Hagui-ro, Dongan-gu , Anyang-si, Gyeonggi-do 14056 Korea
Workplace size	969m ² (Manufacturing facilities : 263.9m ² Amenities : 705.22m ²)
Representative number	+82-2-2264-1027
Fax number	+82-2-2264-1025

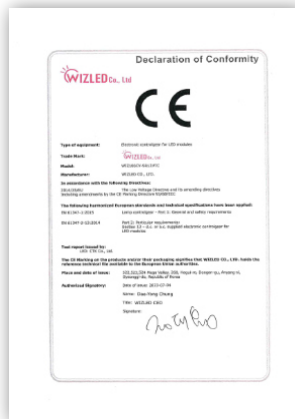
History

2023.06	CE certificate (LED Converter)
2023.05	CE certificate (LED Module)
2022.07	Outdoor advertising business registration certificate
2022.05	Risk Assessment Certificate
2022.04	Main Biz Confirmation Confirmation of a company in material parts and equipment Comprehensive design company confirmation
2020.01	KS factory certification
2019.12	Direct production certification for indoor lighting Downlight direct production certification Certified as an excellent technology evaluation company
2019.06	Innobiz certification
2019.05	Registered as a small hidden champion certification Company affiliated research institute certification
2019.04	Venture company confirmation
2018.12	SMPS KC,EMI safety certification Certified as an excellent female employment company
2018.07	Direct production of landscape lighting certification
2018.04	Factory registration
2018.03	Registered as a R&D department Established branch (Eulji-ro 4-ga, Jung-gu, Seoul) Head office relocated (Gwanyang-dong, Anyang-si, Gyeonggi-do)
2017.07	Established branch (Cho-dong, Jung-gu, Seoul)
2013.08	Head office relocated (Daelim Shopping Center, Jung-gu, Seoul)
2012.07	Inauguration of CEO Dae-Yong Chung Established WizLED Co., Ltd. (Cheonggye Shopping Center, Jung-gu, Seoul)

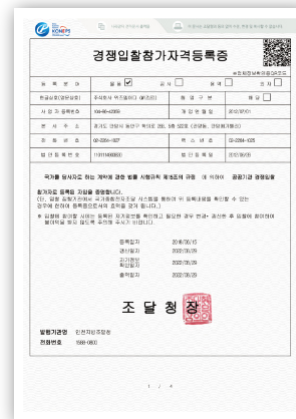
certification



CE certificate (LED Module)



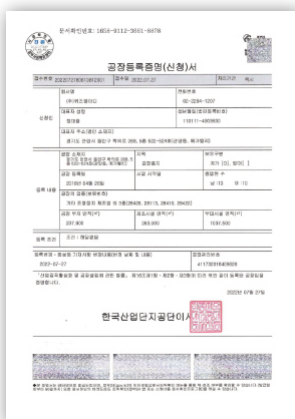
CE certificate (LED Converter)



Bidding Participation Qualification Certificate



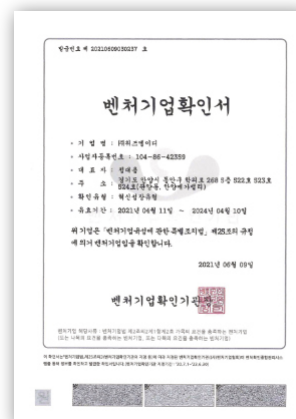
Main Biz Confirmation



factory registration certificate



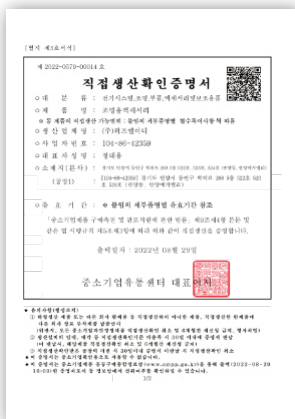
Company affiliated research institute certificate



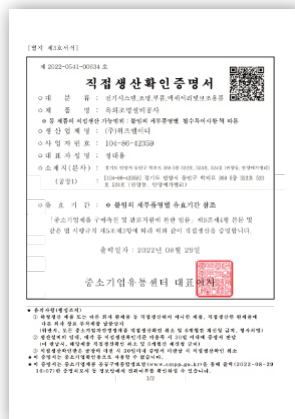
Venture company confirmation



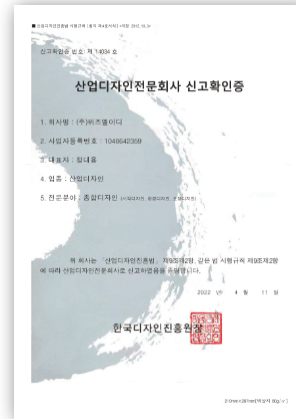
INNOBIZ Certificate



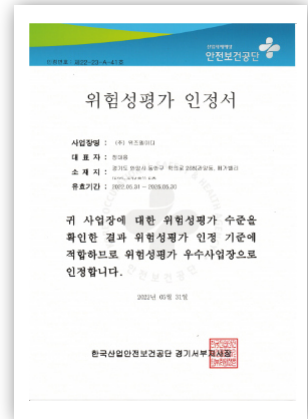
Direct production certificate
(LED Converter)



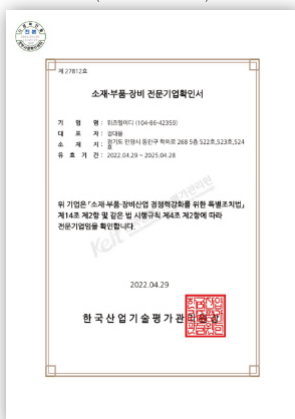
Direct production certificate
(LED landscape lighting)



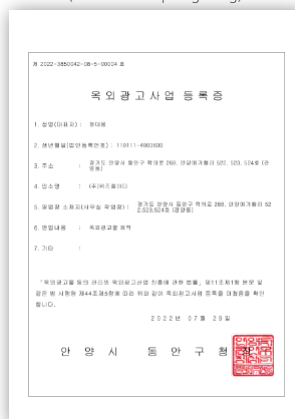
Comprehensive design specialized company



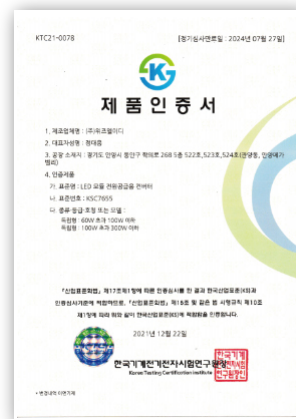
Risk assessment excellent company



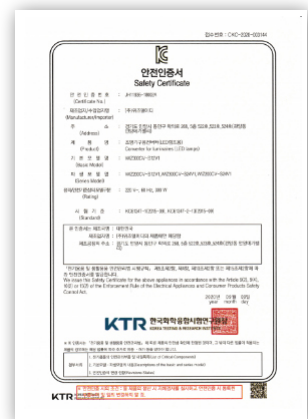
Material parts equipment specialized



Outdoor advertising business registration



KS certificate



KC certificate

certification

Corporate certification			
NO.	Certificate Name	Number	etc
1	Business Registration	104-86-42359	
2	small business confirmation	0010-2022-159383	
3	factory registration certificate	1658-9112-3661-8878	
4	Company affiliated research institute certificate	제 2019112541호	
5	Bidding Participation Qualification Certificate	1101114903830	
6	Main Biz Confirmation	제 2020601-01187호	
7	Venture company confirmation	제 20210609030237호	
8	INNOBIZ Certificate	제 R190601-00505호	
9	Direct production certificate (LED ballast)	제 2022-0579-00014호	
10	Direct production certificate (LED landscape lighting)	제 2022-0541-00634호	
11	Direct production certificate (LED floodlight)	제 2022-0541-00634호	
12	Material parts equipment specialized company confirmation	제 27812호	
13	Outdoor advertising business registration certificate	제 2022-3850042-08-5-00004호	
14	Comprehensive design specialized company confirmation	제 14034호	
15	Risk assessment excellent company certificate	제22-23-A-41호	

Product certification				
NO.	Certificate	Products	Number	etc
1	CE Certificate	LED Converter 300~100W	2014/30/EU	
2	CE Certificate	LED Module	2014/30/EU	
3	KS Certificate	LED Converter (KSC7655)	KTC21-0078	
4	KC Certificate	LED Converter 60W	JH11936-20002A	
5	KC Certificate	LED Converter 150W	JH11936-19001A	100W
6	KC Certificate	LED Converter 300W	JH11936-18002A	200W
7	KC Certificate	LED Converter 400W	JH11936-19004A	
8	KC Certificate	LED Converter 600W	JH11936-20001A	
9	KC Certificate	LED Converter VLFC 100W	JH11936-20004	
10	KC Certificate	LED Converter VLFC 200W	JH11936-20005	
11	KC Certificate	LED Converter VLFC 300W	JH11936-20003	200W
12	KC Certificate	LED Converter VPS 100W	JH11936-21001A	60W
13	KC Certificate	LED Converter VPS 30W	JH11936-21002	
14	KC Certificate	LED Converter VS 100W	JH11936-23001	
15	EMI Certificate	LED Converter 60W	R-R-Wiz-WIZ60CV-S12S1	
16	EMI Certificate	LED Converter 150W	R-R-Wiz-WIZ150CV-S12F1	100W
17	EMI Certificate	LED Converter 300W	R-R-Wiz-WIZ300CV-S12V1	200W
18	EMI Certificate	LED Converter 400W	R-R-Wiz-WIZ400CVSR24V1	
19	EMI Certificate	LED Converter 600W	R-R-Wiz-WIZ600CV-S24V1	
20	EMI Certificate	LED Converter VLFC 100W	R-R-Wiz-100CV-SR12VLFC	
21	EMI Certificate	LED Converter VLFC 300W	R-R-Wiz-300CV-SR12VLFC	200W
22	EMI Certificate	LED Converter VPS 100W	R-R-Wiz-100CV-SR12VPS	60W
23	EMI Certificate	LED Converter VPS 30W	R-R-Wiz-30CV-S12VPS	
24	EMI Certificate	LED Converter FPS 100W	R-R-Wiz-100CV-SR12FPS	60W
25	EMI Certificate	LED Converter VS 100W	R-R-Wiz-100CV-SR12VS	
26	EMI Certificate	LED Module	R-R-Wiz-WIZLED1_2W12M	

Factory (LED Converter)

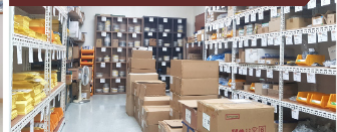


Quality Management

Quality Assurance Department



Material Acceptance Inspection



SMT

Auto Insert line



inserter



SMD

Manual Insert



product inspection line



Inspection

aging test room



Inspection Equipment Test Line

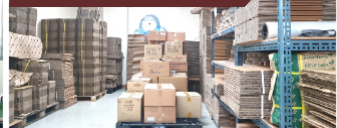


Molding/Packing

molding line



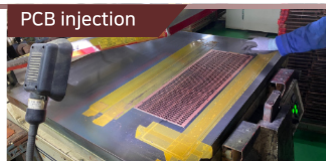
packaging warehouse



Factory (LED Module)



PCB injection



Quality Management



Assembly



Cap injection



Cap assembly/packing



Company performance

2020

- Other than Olive Young Lotte Mart.
- except for LG U+ Yongjeon-dong Complex Terminal 1
- MLStarfield Wirye Point
- Yongsan LS Tower E-1
- Other than Lotte Mart's broadcasting station
- Hedgehog's Myeongdong branch, etc.
- Samsung Digital Merchants Store
- Le Coq Hyundai Department Store Busan Branch
- Dax Shinsegae Gwangju branch, etc.

2021

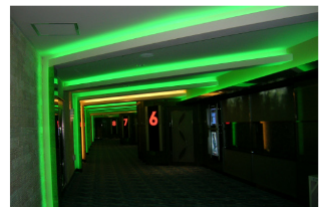
- Hyundai Department Store Daegu Branch
- Other than the Hi-Mart Bundang branch
- Jeju Island MASCOT
- Doosan Premium Outlet
- Outback Mining Points and More
- Other than Olive Young Bucheon Branch
- Lotte Department Store Ulsan Branch
- Court of Suwon

2022

- Hyundai E&C
- Daelim Industrial
- Dunkin Donors
- Paris Baguette
- 7-Eleven
- olive young
- E-Mart 24
- Nike
- Lotte Department Store
- Hyundai Department Store
- Marriott's Hotel
- Kyobo Life
- hi mart

2023

- olive young
- BGF Retail
- Iraq exports
- E - mart
- Hyundai Department Store
- Lotte Department Store
- Marriott's Hotel
- NH Investment & Securities
- NH Nonghyup Bank
- Kohol Sports
- cacao
- Nike
- LG U+



LED Module



1.2W / 1W / 0.72W	10
2.16W / 1.44W / 0.48W	11
Color / R.G.B.	12

LED Converter



CE Type	13
Standard Type	14
Premium Type	16
VS Type	17
SLIM Type	18
KS Type	19

LED Module

1.2W



LENS



FOGGY



Model No.	WIZLED1_2W12M/12
Color	2700K, 4000k, 6500k 10000K
Input voltage	12V
Input current	100mA
Output current	1.2W
Beam angle	120 (LENS) / 160 (Foggy)

1W



LENS



FOGGY



Model No.	WIZLED1W12M/12
Color	2700K, 4000k, 6500k 10000K
Input voltage	12V
Input current	83mA
Output current	1W
Beam angle	120 (LENS) / 160 (Foggy)

0.72W



LENS



FOGGY



Model No.	WIZLED0_72W12M/12
Color	2700K, 4000K, 6500K, 10000K
Input voltage	12V
Input current	60mA
Output current	0.72W
Beam angle	120 (LENS) / 160 (Foggy)

Dimension



2.16W / 1.44W



Model No.	WIZLED2_16W12M/12
Color	2700K, 4000k, 6500k 10000K
Input voltage	12V
Input current	200mA
Output current	2.16W
Beam angle	120



Model No.	WIZLED1_44W12M/12
Color	2700K, 4000k, 6500k 10000K
Input voltage	12V
Input current	120mA
Output current	1.44W
Beam angle	120

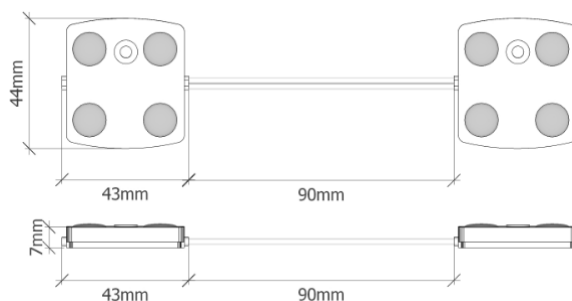
0.48W



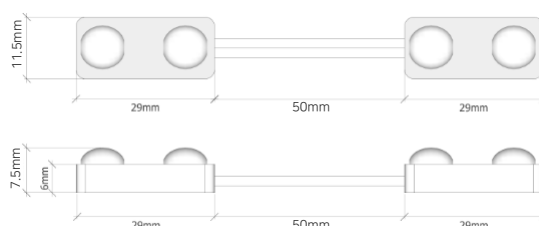
Model No.	WIZLED0_48W12M/12
Color	2700K, 4000k, 6500k 10000K
Input voltage	12V
Input current	60mA
Output current	0.48W
Beam angle	160

Dimension

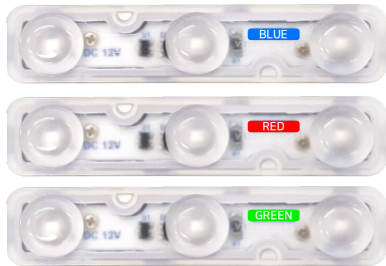
1.44W



0.48W



Color



Model No.	WIZLED0_72W12M/Color
Color	RED, BLUE, GREEN
Input voltage	12V
Input current	60mA
Output current	0.72W
Beam angle	160

R.G.B



Model No.	WIZLED0_72W12M/R.G.B
Color	R.G.B
Input voltage	12V
Input current	60mA
Output current	0.72W
Beam angle	160

Dimension

Color

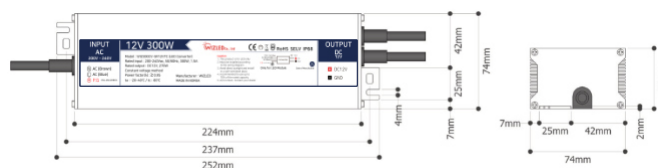


R.G.B



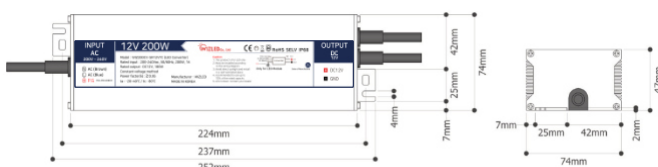
SMPS LED converter CE

300W CE



Model No.	WIZ300CV-SR12VTC
Certification	CE
Rated input voltage	AC220V / 60Hz
Rated input current	1.5A
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	270W

200W CE



Model No.	WIZ200CV-SR12VTC
Certification	CE
Rated input voltage	AC220V / 60Hz
Rated input current	1A
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	180W

100W CE



Model No.	WIZ100CV-SR12VTC
Certification	CE
Rated input voltage	AC220V / 60Hz
Rated input current	0.5A
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	90W

Protection circuit

OTP - Overheating automatic protection

OVP - Overvoltage protection

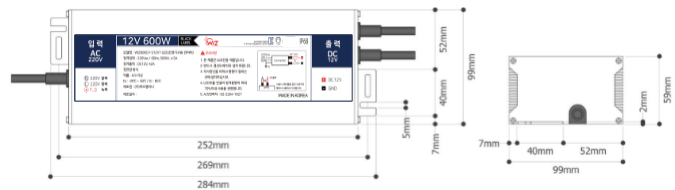
SCP - Short circuit protection

OCP - Overcurrent protection

Hiccup Mode: Automatically recovers after the fault condition is cleared

SMPS LED converter STANDARD

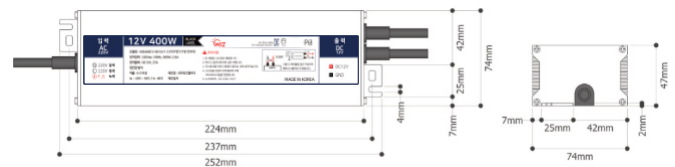
600W



Model No.	WIZ600CV-S12V1	WIZ600CV-S24V1
KC certification	JH11936-20001A	JH11936-20001A
EMI certification	R-R-Wiz-WIZ600CV-S24V1	R-R-Wiz-WIZ600CV-S24V1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	4.5A	4.5A
Power factor	PF $\geq$ 0.50	PF $\geq$ 0.50
Rated output voltage	DC12V	DC24V
Rated output current	42A	21A

IP68 SELV

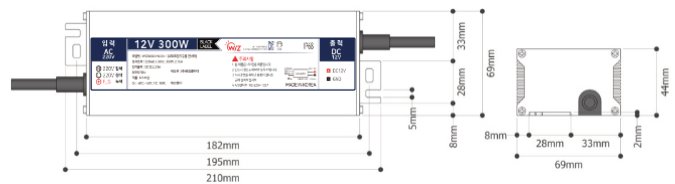
400W



Model No.	WIZ400CV-S12V1	WIZ400CV-S24V1
KC certification	JH11936-19004A	JH11936-19004A
EMI certification	R-R-Wiz-WIZ400CVSR24V1	R-R-Wiz-WIZ400CVSR24V1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	2.9A	2.9A
Power factor	PF $\geq$ 0.50	PF $\geq$ 0.50
Rated output voltage	DC12V	DC24V
Rated output current	27A	13.5A

IP68 SELV

300W



Model No.	WIZ300CV-S12V1	WIZ300CV-S24V1
KC certification	JH11936-18002A	JH11936-18002A
EMI certification	R-R-Wiz-WIZ300CV-S12V1	R-R-Wiz-WIZ300CV-S12V1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	2.75A	2.75A
Power factor	PF $\geq$ 0.50	PF $\geq$ 0.50
Rated output voltage	DC12V	DC24V
Rated output current	21A	10.5A

IP68 SELV

Protection circuit

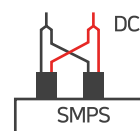
OTP - Overheating automatic protection

OVP - Overvoltage protection

SCP - Short circuit protection

OCP - Overcurrent protection

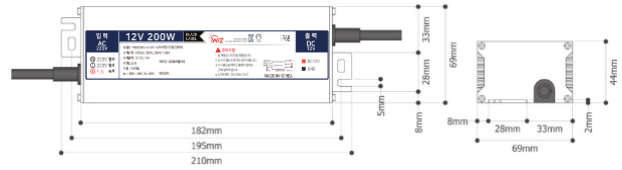
Hiccup Mode: Automatically recovers after the fault condition is cleared



For products with more than two output lines
When using, please bundle the cables with the same polarity.

SMPS LED converter STANDARD

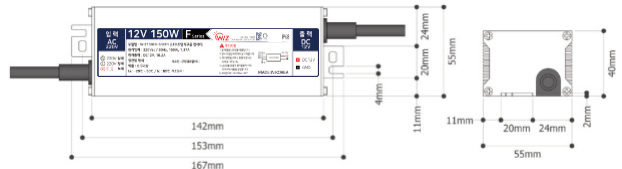
200W



Model No.	WIZ200CV-S12V1	WIZ200CV-S24V1
KC certification	JH11936-18002A	JH11936-18002A
EMI certification	R-R-Wiz-WIZ300CV-S12V1	R-R-Wiz-WIZ300CV-S12V1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	1.86A	1.86A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	14A	7A

IP68 SELV

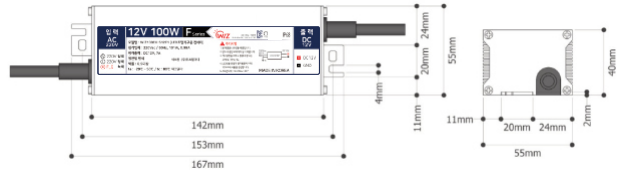
150W



Model No.	WIZ150CV-S12F1	WIZ150CV-S24F1
KC certification	JH11936-19001A	JH11936-19001A
EMI certification	R-R-Wiz-WIZ150CV-S12F1	R-R-Wiz-WIZ150CV-S12F1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	1.37A	1.33A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	10.2A	5.2A

IP68 SELV

100W



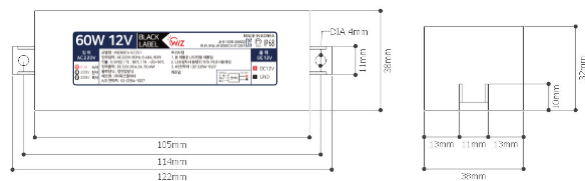
Model No.	WIZ100CV-S12F1	WIZ100CV-S24F1
KC certification	JH11936-19001A	JH11936-19001A
EMI certification	R-R-Wiz-WIZ150CV-S12F1	R-R-Wiz-WIZ150CV-S12F1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	0.99A	0.95A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	7A	3.5A

IP68 SELV

60W



Model No.	WIZ60CV-S12S1	WIZ60CV-S24S1
KC certification	JH11936-20002A	JH11936-20002A
EMI certification	R-R-Wiz-WIZ60CV-S12S1	R-R-Wiz-WIZ60CV-S12S1
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	0.48A	0.48A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	4.2A	2.1A

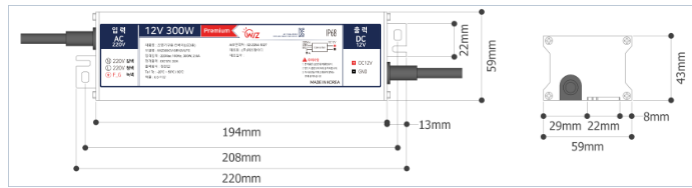


SMPS LED converter PREMIUM

300W PREMIUM



IP68 SELV

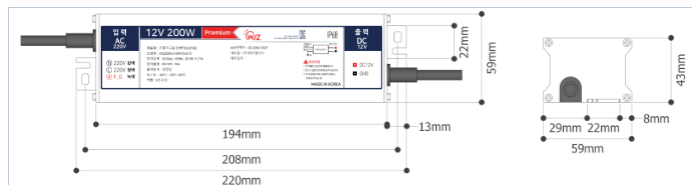


Model No.	WIZ300CV-SR12VLFC	WIZ300CV-SR24VLFC
KC certification	JH11936-20003	JH11936-20003
EMI certification	R-R-Wiz-300CV-SR12VLFC	R-R-Wiz-300CV-SR12VLFC
Rated input voltage	AC220V / 60Hz	AC220V / 60Hz
Rated input current	2.6A	2.6A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	22A	11A

200W PREMIUM



IP68 SELV

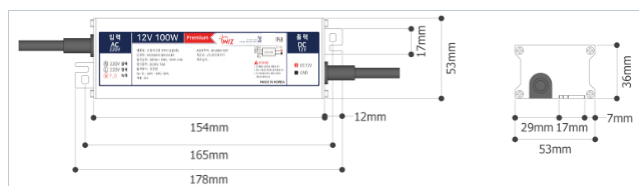


Model No.	WIZ200CV-SR12VLFC	WIZ200CV-SR24VLFC
KC certification	JH11936-20005	JH11936-20005
EMI certification	R-R-Wiz-300CV-SR12VLFC	R-R-Wiz-300CV-SR12VLFC
Rated input voltage	AC220V / 60Hz	AC220V / 60Hz
Rated input current	1.71A	1.71A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	15A	7.5A

100W PREMIUM



IP68 SELV



Model No.	WIZ100CV-SR12VLFC	WIZ100CV-SR24VLFC
KC certification	JH11936-20004	JH11936-20004
EMI certification	R-R-Wiz-100CV-SR12VLFC	R-R-Wiz-100CV-SR12VLFC
Rated input voltage	AC220V / 60Hz	AC220V / 60Hz
Rated input current	0.9A	0.9A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	7.5A	3.75A

Protection circuit

OTP - Overheating automatic protection

OVP - Overvoltage protection

SCP - Short circuit protection

OCP - Overcurrent protection

Hiccup Mode: Automatically recovers after the fault condition is cleared

SMPS LED converter VS

100W VS



Model No.	WIZ100CV-SR12VS	WIZ100CV-SR24VS
KC certification	JH11936-23001	JH11936-23001
EMI certification	R-R-Wiz-100CV-SR12VS	R-R-Wiz-100CV-SR12VS
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	1A	1A
Power factor	PF $\geq$ 0.50	PF $\geq$ 0.50
Rated output voltage	DC12V	DC24V
Rated output current	7.5A	3.75A

IP68 SELV 

60W VS



Model No.	WIZ60CV-SR12VS	WIZ60CV-SR24VS
KC certification	JH11936-23001	JH11936-23001
EMI certification	R-R-Wiz-100CV-SR12VS	R-R-Wiz-100CV-SR12VS
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	0.55A	0.6A
Power factor	PF $\geq$ 0.50	PF $\geq$ 0.50
Rated output voltage	DC12V	DC24V
Rated output current	4.6A	2.25A

IP68 SELV 

Protection circuit

OTP - Overheating automatic protection

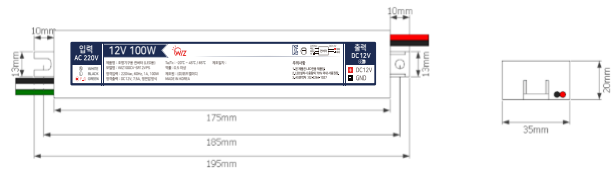
OVP - Overvoltage protection

SCP - Short circuit protection

OCP - Overcurrent protection

Hiccup Mode: Automatically recovers after the fault condition is cleared

100W SLIM

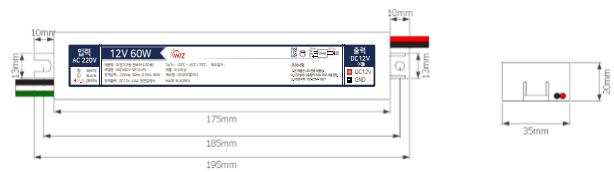


IP68 SELV



Model No.	WIZ100CV-SR12VPS	WIZ100CV-SR24VPS
KC certification	JH11936-21001	JH11936-21001
EMI certification	R-R-Wiz-100CV-SR12VPS	R-R-Wiz-100CV-SR12VPS
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	1A	1A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC12V
Rated output current	7.5A	3.75A

60W SLIM



IP68 SELV



Model No.	WIZ60CV-SR12VPS	WIZ60CV-SR24VPS
KC certification	JH11936-21001	JH11936-21001
EMI certification	R-R-Wiz-100CV-SR12VPS	R-R-Wiz-100CV-SR12VPS
Rated input voltage	AC220V/60Hz	AC220V/60Hz
Rated input current	0.55A	0.6A
Power factor	PF≥0.50	PF≥0.50
Rated output voltage	DC12V	DC24V
Rated output current	4.6A	2.25A

30W SLIM



IP68 SELV



Model No.	WIZ30CV-S12VPS
KC certification	JH11936-21002
EMI certification	R-R-Wiz-30CV-S12VPS
Rated input voltage	AC220V/60Hz
Rated input current	0.295A
Power factor	PF≥0.50
Rated output voltage	DC12V
Rated output current	2.2A

Protection circuit

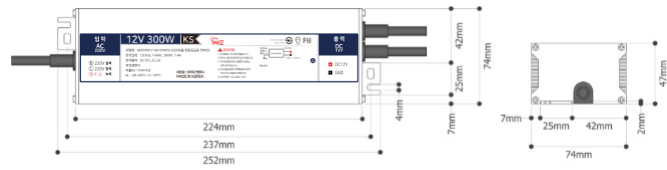
OTP - Overheating automatic protection
 OVP - Overvoltage protection
 SCP - Short circuit protection
 OCP - Overcurrent protection
 Hiccup Mode: Automatically recovers after the fault condition is cleared

Precautions



As a waterproof product for daily life, it must be installed and used indoors or inside where it can avoid the direct effects of liquids such as snow and rain.

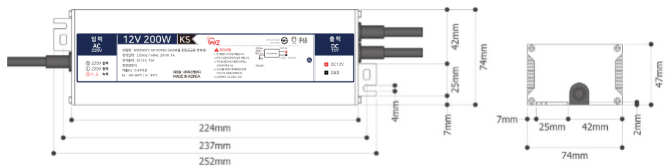
300W KS



Model No.	WIZ300CV-SR12VKSC
KS certification	KTC21-0078
EMI certification	AC220V / 60Hz
Rated input voltage	1.4A
T.H.D	Under 10%
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	22.5A

IP68 SELV

200W KS



Model No.	WIZ200CV-SR12VKSC
KS certification	KTC21-0078
EMI certification	AC220V / 60Hz
Rated input voltage	1A
T.H.D	Under 10%
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	15A

IP68 SELV

100W KS



Model No.	WIZ100CV-SR12VKSC
KS certification	KTC21-0078
EMI certification	AC220V / 60Hz
Rated input voltage	0.5A
T.H.D	Under 10%
Power factor	PF≥0.95
Rated output voltage	DC12V
Rated output current	7.5A

IP68 SELV

Power factor

It is the ratio of the reactive power used by the converter itself and the active power actually consumed by the lighting equipment. The higher the number, the lower the product's own power consumption, which reduces the power loss in the process of converting AC power to DC power.

THD

It is a number indicating how many harmonics are mixed compared to the basic low frequency. The higher the number, the greater the iron loss inside the converter and it causes voltage drop, so the lower the number, the higher the performance.



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