



GUANGDONG SUNCOM POWER TECHNOLOGY CO.,LTD

STREET LIGHTING | INDUSTRIAL LIGHTING | PLANT LIGHTING | OUTDOOR GENERAL LIGHTING

2025 V1.0

GUANGDONG · CHINA

GUANGDONG SUNCOM POWER TECHNOLOGY CO.,LTD

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website



VR Digital Factory



LED drivers on line

HISTORY OF DEVELOPMENT >>>>>

TOGETHER WITH SUNCOM MAKE A BETTER FUTURE



With a standard industrial park of more than 30,000 square meters, SUNCOM has over 300 employees, among which technical personnel account for more than 20%. There are 2 modern standard workshops with 9 semi-automatic standard production lines and monthly average capacity over 1 million units at full load. At the same time, the company has standard inventory to meet the rapid delivery of orders.

In 2022, SUNCOM invested heavily to build a CNAS standard laboratory and innovative R&D center, with a R&D team of more than 60 people. Product research and development follows the IPD management concept, creating a standard product platform through the ultimate optimization of technology platform, process design, and device selection, and using the standard product platform to derive products with specific needs to coordinate with the company's major customer sales strategy.

Build a learning team, carry forward the spirit of teamwork, and continuously improve the core competitiveness of enterprises and individuals.



The collage displays 18 certification certificates for Guangdong Zhongchuang Electronics Technology Co., Ltd. The certificates are arranged in a 3x6 grid. The top row includes a 'Certificate of Compliance' (top left), a 'Certificate' from 'PANTHER' (top middle), a 'Certificate of Conformity' from 'Zentech' (top right), a 'Certificate of Compliance' from 'SID' (top far right), and two more 'Certificate of Compliance' from 'SID' (top far right). The middle row features a 'Certificate of Suitability' from 'SAA' (middle left), a 'Certificate of Conformity' from 'FCC' (middle middle), a 'Certificate of Conformity' from 'FCC' (middle right), a 'Certificate of Compliance' from 'IO Net' (middle far right), and two more 'Certificate of Compliance' from 'IO Net' (middle far right). The bottom row includes a 'Certificate of Compliance' from 'CEC' (bottom left), a 'Certificate of Compliance' from 'CEC' (bottom middle), a 'Certificate of Compliance' from 'CEC' (bottom right), a 'Certificate of Compliance' from 'CEC' (bottom far right), and two more 'Certificate of Compliance' from 'CEC' (bottom far right).

Company View



Innovation R&D Center



CNAS Standard Laboratory



HOT PRODUCTS

01 ISOLATED LED STREET LIGHT DRIVER



HVC Isolated flicker free LED street light drivers (30W/50W/75W/100W/150W/200W/240W/320W)

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-56VDC/HIGH VOLTAGE LOW CURRENT
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 89%~94%
IP GRADE: IP67
PROTECTIONS: INPUT UVP(<150W)/OVP (≤150W), OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: ENEC/CE/CB/CCC
WARRANTY: 5 YEARS



HVE Isolated LED street light drivers (30W/50W/75W/100W/150W/200W/240W)

INPUT VOLTAGE: 200-277VAC
OUTPUT VOLTAGE: 20-38VDC/32-56VDC/HIGH VOLTAGE LOW CURRENT
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<100W: 4/6KV)
EFFICIENCY: 89%~91% IP GRADE: IP67
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: CE/CCC
WARRANTY: 5 YEARS



HAE Special isolated driver for small LED street light (8W/12W/24W/40W/50W/60W/80W/100W/150W/200W/240W)

INPUT VOLTAGE: 120-277VAC (INPUT VOLTAGE 100-120VAC, POWER DECREASE INTO 80%)
OUTPUT VOLTAGE: 19-38VDC/28-56VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 82%~91% IP GRADE: IP65
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OLP/OTP
CERTIFICATIONS: ENEC/CE/CB/CCC WARRANTY: 5 YEARS
※ CLASS I & CLASS II
※ APPLICATIONS: SMALL STREET LIGHT, EXPLOSION-PROOF LIGHT AND OTHERS WITH COMPACT POWER CHAMBER(Plastic Plugs, for build-in use only.)



SAP Isolated flicker free street light drivers (30W/50W/75W/100W/120W/150W/200W/240W)

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 20-38VDC/27-56VDC/HIGH VOLTAGE LOW CURRENT
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 92%~94% IP GRADE: IP65
PROTECTIONS: INPUT UVP/OVP, OUTPUT SCP/OTP/OVP
WARRANTY: 5 YEARS
※ INPUT UVP: WHEN THE INPUT VOLTAGE IS LOWER THAN 90VAC, THE POWER WILL BE REDUCED BY HALF; WHEN THE INPUT VOLTAGE IS LOWER THAN 80VAC, THE POWER WILL BE TURNED OFF. THE WORK WILL BE RESUMED AFTER THE AC VOLTAGE RETURNS TO NORMAL.
INPUT OVP: POWER WILL BE OFF AT 330V HIGH VOLTAGE, AND WILL BE RESUMED AFTER THE AC VOLTAGE RETURNS TO NORMAL.



SCP Isolated LED street light drivers (50W/75W/100W/150W/200W/240W)

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 28-56VDC/54-90VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 89.3%~91.5%
IP GRADE: IP65
PROTECTIONS: INPUT UVP(>75W), OUTPUT SCP/OVP/OTP
CERTIFICATION: CB (COMPLIANT WITH SASO2927 STREET LAMP STANDARD)
WARRANTY: 5 YEARS



GEP Isolated LED street light drivers (70W/75W/80W/100W/150W/200W)

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 25-36VDC/30-42VDC/34-54VDC/54-90VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95
SURGE PROTECTION GRADE: 4/6KV
EFFICIENCY: 90%~91.5% IP GRADE: IP65
PROTECTIONS: INPUT OVP, OUTPUT SCP/OVP/OTP
CERTIFICATION: CE
WARRANTY: 5 YEARS
※ NOTE: POWER WILL BE OFF AT 320V HIGH-VOLTAGE AND RESUME AFTER THE VOLTAGE IS NORMAL

02 ISOLATED LED TUNNEL LIGHT DRIVER



HDC Isolated flicker free bicolor LED tunnel light drivers(50W/75W/100W/150W/200W/240W)

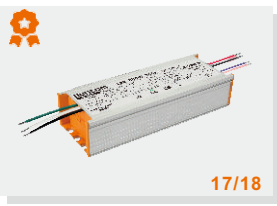
INPUT VOLTAGE: 200-277VAC OUTPUT VOLTAGE: 27-56VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 89%~90%
IP GRADE: IP67 PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OTP
FEATURES: 0-5V NON-POLAR DIMMING AND ADJUSTING FOR CCT (OPTIONAL: DIMMING OFF, 0-10V NON-POLAR DIMMING AND COLOR TEMPERATURE, PWM DIMMING AND COLOR ADJUSTMENT, POSITIVE AND NEGATIVE LOGIC DIMMING)
CERTIFICATION: CCC WARRANTY: 5 YEARS

03 NON-ISOLATED LED STREET LIGHT DRIVER



HVS Non-isolated flicker free LED street light drivers (30W/50W/75W/100W/120W/150W/200W/240W/320W)

INPUT VOLTAGE: 100-277VAC OUTPUT VOLTAGE: 90-150VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OLP/OTP
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 90%~95.5% IP GRADE: IP67 WARRANTY: 5 YEARS
CERTIFICATIONS: ENEC/CE/CB/CCC (C VERSION IS COMPLIANT WITH THE NEW ERP STANDARD)



LBS Non-isolated Flicker Free LED Street Light Drivers (40W/60W/80W/100W/120W/150W/200W/240W/320W)

INPUT VOLTAGE: 120-277VAC (INPUT VOLTAGE 100-120VAC, POWER DECREASE INTO 80%)
OUTPUT VOLTAGE: 80-150VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
PROTECTIONS: INPUT UVP(POWER OFF WHEN VOLTAGE<90V), OUTPUT SCP/OVP/OTP
CERTIFICATIONS: ENEC/CE/CB SURGE PROTECTION GRADE: 4/6KV (<80W: 4/6KV)
EFFICIENCY: 90%~95.5% IP GRADE: IP42/IP54 WARRANTY: 5 YEARS
REMARK: FOR BUILT-IN USE ONLY, LAMP HOUSING NEED TO BE WATERPROOF

04 NON-ISOLATED LED UFO DRIVER



LCS Non-isolated flicker free LED UFO drivers.DUAL Switch for Power & CCT (100W/150W/200W/240W)

INPUT VOLTAGE: 120-277VAC OUTPUT VOLTAGE: 180-300VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95/COMMON MODE RESIDUAL VOLTAGE<3KV
PROTECTIONS: INPUT UVP, OUTPUT SCP/OLP/OVP/OTP
EFFICIENCY: 94%~96% SURGE PROTECTION GRADE: 4/6KV
IP GRADE: IP65 WARRANTY: 5 YEARS
GLOBAL CERTIFICATIONS: ENEC-CE/SAA/CCC/CUL/UL/FCC/CB/CLASS P (C VERSION IS COMPLIANT WITH NEW ERP STANDARD)
INPUT UVP: WHEN INPUT VOLATE IS 100-120VAC, POWER WILL BE 80%; WHEN INPUT VOLTAGE IS LESS THEN 95VAC, POWER WILL BE 50%.
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD ≥3KV, CREEPAGE DISTANCE ≥3.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



LVS Non-isolated flicker free LED UFO drivers (120W/150W/200W/240W)

INPUT VOLTAGE: 100-277VAC OUTPUT VOLTAGE: 100-180VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95/COMMON MODE RESIDUAL VOLTAGE<3KV
PROTECTIONS: OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: ENEC-CE/SAA/CCC/CUL/UL/FCC/CB/CLASS P (C VERSION IS COMPLIANT WITH NEW ERP STANDARD)
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 94%~95.5%
IP GRADE: IP65 WARRANTY: 5 YEARS
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD ≥3KV, CREEPAGE DISTANCE ≥3.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



LAS Non-isolated flicker free LED UFO drivers (50W/80W/100W/120W/150W/200W/240W)

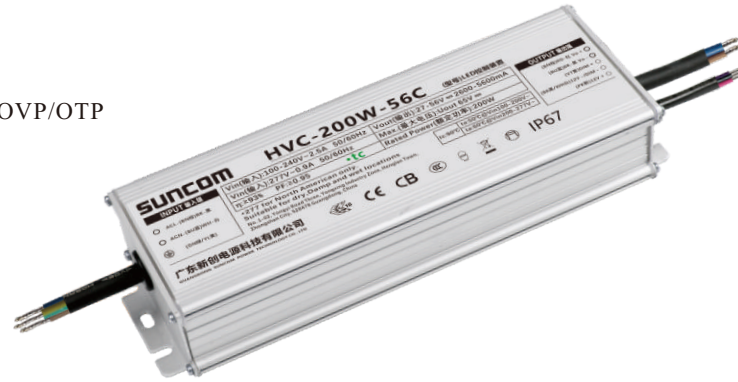
INPUT VOLTAGE: 200-240VAC OUTPUT VOLTAGE: 410-450VDC(410-470VDC CAN BE CUSTOMIZED)
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95/COMMON MODE RESIDUAL VOLTAGE<2.5KV/96% EFFICIENCY
PROTECTIONS: INPUT UVP, OUTPUT SCP/OTP/OVP
CERTIFICATIONS: CE/CB/CCC(PCBA OPTIONAL, 3 YEARS WARRANTY)
SURGE PROTECTION GRADE: 4/6KV EFFICIENCY: 94%~96%
IP GRADE: IP42 (IP65 OPTION) WARRANTY: 5 YEARS
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD ≥3KV, CREEPAGE DISTANCE ≥4.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM
※ LAG NON-ISOLATED DRIVERS, EFFICIENCY AS HIGH AS 97%



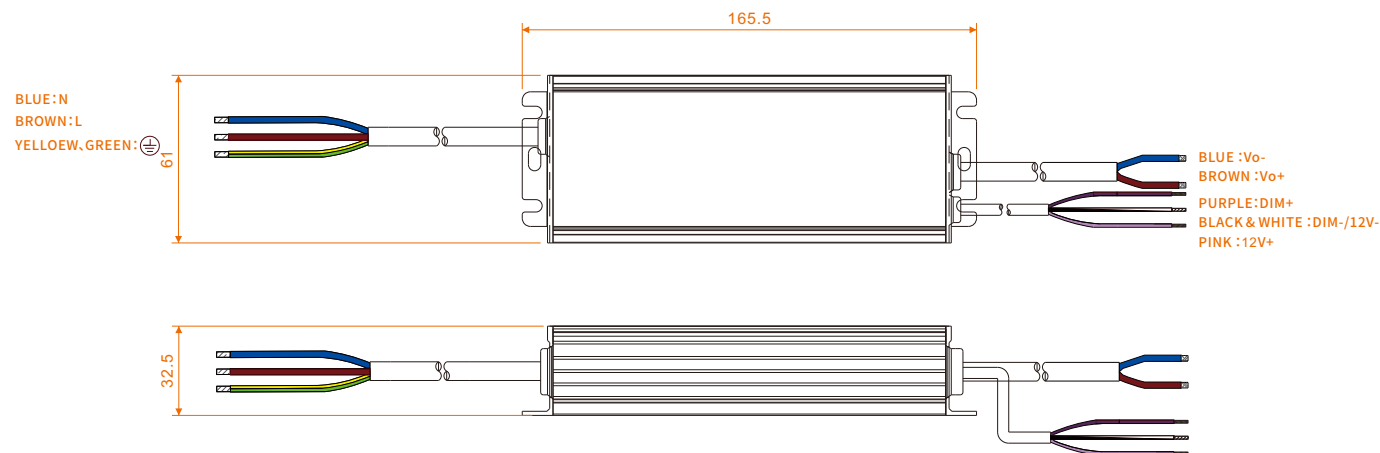
FEATURES

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 27-56VDC/**HIGH VOLTAGE LOW CURRENT**
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 89%~94%
IP GRADE: IP67
PROTECTIONS: **INPUT UVP, OVP (≤150W)**, OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: ENEC/CE/CB/CCC
WARRANTY: 5 YEARS

HOT PRODUCTS



DIMENSION



▲ HVC-100W Dimension

SPECIFICATIONS

30W / 50W / 75W / 100W / 150W / 200W / 240W / 320W

	Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
N. V.	HVC-30W-56*	30W	100-277V	27-56V	300-1000mA	132*52*28mm	<10%	>0.95
	HVC-50W-56*	50W	100-277V	27-56V	600-1500mA	132*52*28mm	<10%	>0.95
	HVC-75W-56*	75W	100-277V	27-56V	900-2100mA	149*61*33mm	<10%	>0.95
	HVC-100W-56*	100W	100-277V	27-56V	1300-3000mA	167*61*33mm	<10%	>0.95
	HVC-150W-56*	150W	100-277V	27-56V	1800-4500mA	190*69*36mm	<10%	>0.95
	HVC-200W-56*	200W	100-277V	27-56V	2600-5600mA	211*69*36mm	<10%	>0.95
	HVC-240W-56*	240W	100-277V	27-56V	3500-6700mA	225*69*36mm	<10%	>0.95
	HVC-320W-56*	320W	100-277V	25-56V	4200-7650mA	252*89*44.5mm	<10%	>0.95
H. V.	HVC-50W-72*	50W	100-277V	36-72V	500-1050mA	132*52*28mm	<10%	>0.95
	HVC-75W-108*	75W	100-277V	54-108V	500-1050mA	149*61*33mm	<10%	>0.95
	HVC-100W-143*	100W	100-277V	71-143V	500-1050mA	167*61*33mm	<10%	>0.95
	HVC-150W-214*	150W	100-277V	95-214V	500-1050mA	190*69*36mm	<10%	>0.95
	HVC-200W-286*	200W	100-277V	143-286V	500-1050mA	211*69*36mm	<10%	>0.95
	HVC-240W-343*	240W	100-277V	171-343V	500-1050mA	225*69*36mm	<10%	>0.95
	HVC-320W-428*	320W	100-277V	214-428V	500-1050mA	252*89*44.5mm	<10%	>0.95

※ N.V.: Normal output voltage H.V.:High output voltage

(Specific size is subject to the real product)

* Version						Packing		
Rated power	A-Adjustable potentiometer version	B-Three-in-one dimming version	P-Off-line programming dimming version	C-Dimming+12V		Quantity(PCS)	Weight(KG)	Measure(CM)
N. V.	30W	√	√	√	×	35	13.0	33.5*24.5*24
	50W	√	√	√	×	35	13.3	33.5*24.5*24
	75W	√	√	√	×	30	15.6	33.5*24.5*24
	100W	√	√	√	√	30	18.1	33.5*24.5*24
	150W	√	√	√	√	20	16.8	33.5*24.5*24
	200W	√	√	√	√	20	18.4	33.5*24.5*24
	240W	√	√	√	√	15	15.3	33.5*24.5*24
	320W	√	√	√	√	8	14.5	33.5*24.5*24
H. V.	50W	√	√	√	×	35	13.3	33.5*24.5*24
	75W	√	√	√	×	30	15.6	33.5*24.5*24
	100W	√	√	√	√	30	18.1	33.5*24.5*24
	150W	√	√	√	√	20	16.8	33.5*24.5*24
	200W	√	√	√	√	20	18.4	33.5*24.5*24
	240W	√	√	√	√	15	15.3	33.5*24.5*24
	320W	×	×	×	×	8	14.5	33.5*24.5*24



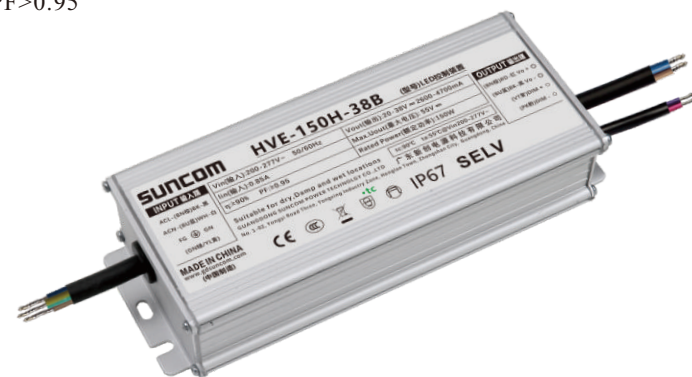
HVE

SERIES

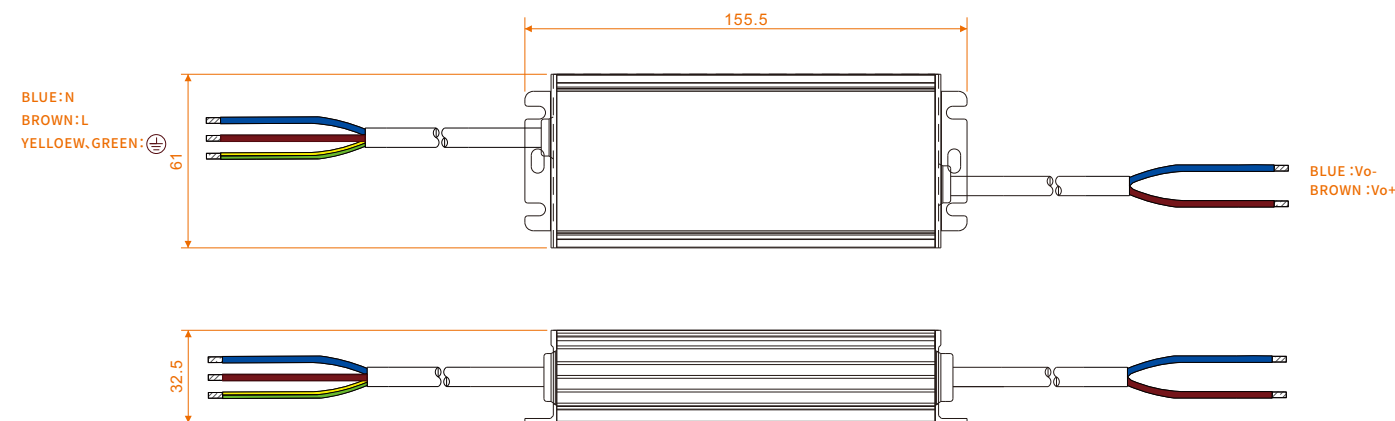
Isolated LED Street Light Drivers

FEATURES

INPUT VOLTAGE: 200-277VAC
OUTPUT VOLTAGE: 20-38VDC/32-56VDC/**HIGH VOLTAGE LOW CURRENT**
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<100W: 4/6KV)
EFFICIENCY: 89%~91%
IP GRADE: IP67
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: CE/CCC
WARRANTY: 5 YEARS



DIMENSION



▲ HVE-100H Dimension

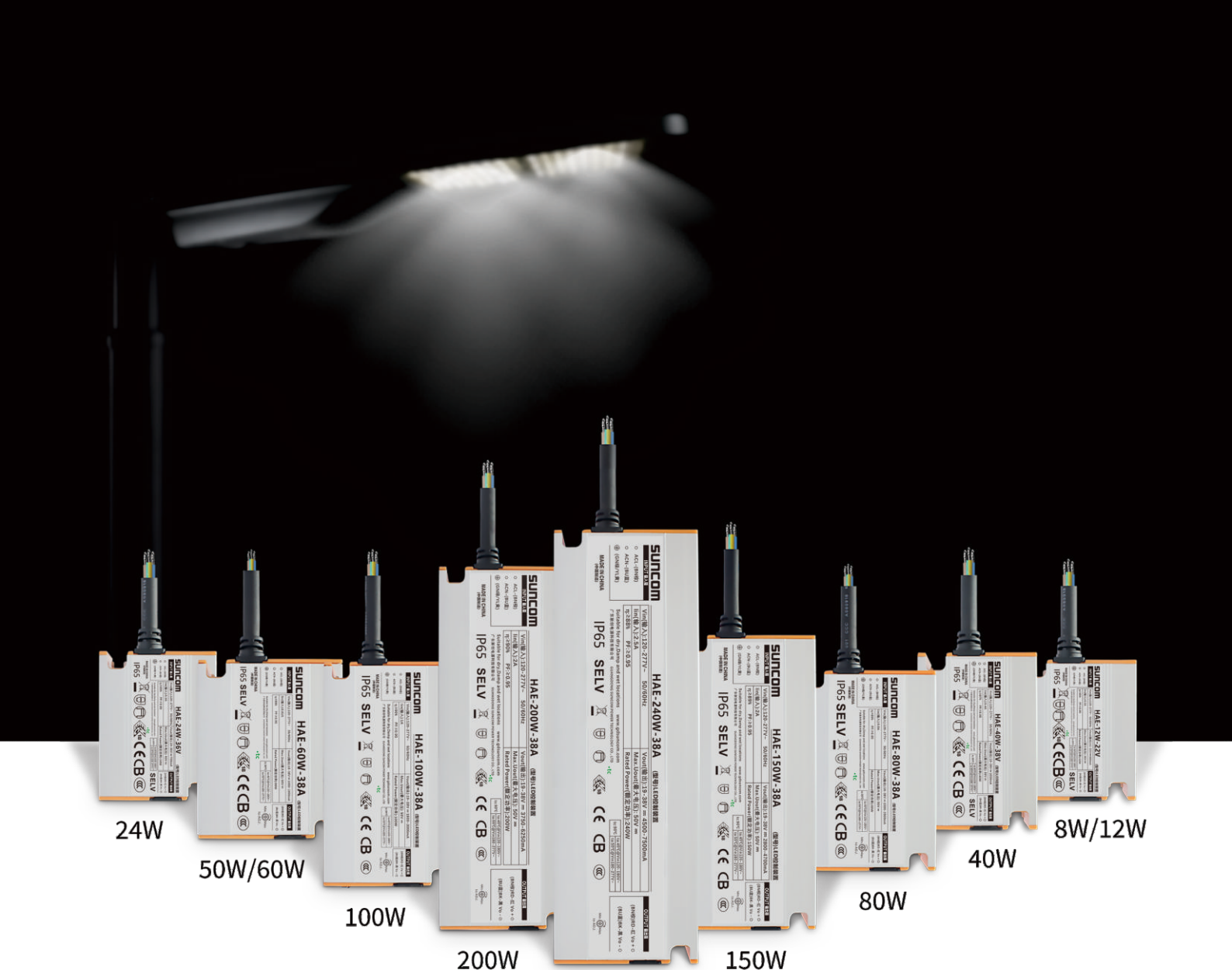
SPECIFICATIONS

30W / 50W / 75W / 100W / 150W / 200W / 240W

	Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
L. V.	HVE-30H-38*	30W	200-277V	20-38V	300-1000mA	109*61*32.5mm	<10%	>0.95
	HVE-50H-38*	50W	200-277V	20-38V	700-1600mA	109*61*32.5mm	<10%	>0.95
	HVE-75H-38*	75W	200-277V	20-38V	1300-2400mA	139.5*61*32.5mm	<10%	>0.95
	HVE-100H-38*	100W	200-277V	20-38V	1900-3200mA	155.5*61*32.5mm	<10%	>0.95
	HVE-150H-38*	150W	200-277V	20-38V	2600-4700mA	177.5*69*36.2mm	<10%	>0.95
	HVE-200H-38*	200W	200-277V	20-38V	3900-6300mA	210*69*36.2mm	<10%	>0.95
	HVE-240H-38*	240W	200-277V	20-38V	5200-7500mA	243*69*36.2mm	<10%	>0.95
N. V.	HVE-30H-56*	30W	200-277V	32-56V	200-750mA	109*61*32.5mm	<10%	>0.95
	HVE-50H-56*	50W	200-277V	32-56V	500-1200mA	109*61*32.5mm	<10%	>0.95
	HVE-75H-56*	75W	200-277V	32-56V	800-1800mA	139.5*61*32.5mm	<10%	>0.95
	HVE-100H-56*	100W	200-277V	32-56V	1300-2400mA	155.5*61*32.5mm	<10%	>0.95
	HVE-150H-56*	150W	200-277V	32-56V	1700-3600mA	177.5*69*36.2mm	<10%	>0.95
	HVE-200H-56*	200W	200-277V	32-56V	2600-4800mA	210*69*36.2mm	<10%	>0.95
	HVE-240H-56*	240W	200-277V	32-56V	3500-5800mA	243*69*36.2mm	<10%	>0.95
H. V.	HVE-50H-72*	50W	200-277V	36-72V	500-1050mA	109*61*32.5mm	<10%	>0.95
	HVE-75H-108*	75W	200-277V	54-108V	500-1050mA	139.5*61*32.5mm	<10%	>0.95
	HVE-100H-143*	100W	200-277V	71-143V	500-1050mA	155.5*61*32.5mm	<10%	>0.95
	HVE-150H-214*	150W	200-277V	107-214V	500-1050mA	177.5*69*36.2mm	<10%	>0.95
	HVE-200H-190*	200W	200-277V	95-190V	1050-1500mA	211*69*36mm	<10%	>0.95
	HVE-240H-228*	240W	200-277V	114-228V	1050-1500mA	240*69*36mm	<10%	>0.95

※ L.V.:Low output voltage N.V.: Normal output voltage H.V.:High output voltage (Specific size is subject to the real product)

Rated power	* Version			Packing		
	A-Adjustable potentiometer version	B-Three-in-one dimming version	P-Off-line programming dimming version	Quantity(PCS)	Weight(KG)	Measure(CM)
30W	√	√	√	30	11.3	33.5*24.5*24
50W	√	√	√	30	11.4	33.5*24.5*24
75W	√	√	√	30	14.7	33.5*24.5*24
100W	√	√	√	30	16.8	33.5*24.5*24
150W	√	√	√	20	15.4	33.5*24.5*24
200W	√	√	√	20	18.2	33.5*24.5*24
240W	√	√	√	15	16.3	33.5*24.5*24



HAE

SERIES

Special Isolated Driver For Small LED Street Light

FEATURES

CLASS I & CLASS II/Patented Design/Compact Size

HOT PRODUCTS

INPUT VOLTAGE: 120-277VAC(INPUT VOLTAGE 100-120VAC, POWER DECREASE INTO 80%)
OUTPUT VOLTAGE: 19-38VDC/28-56VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 82%~91%
IP GRADE: IP65
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OLP/OTP
CERTIFICATIONS: ENEC/CE/CB/CCC
WARRANTY: 5 YEARS
※ APPLICATIONS: SMALL STREET LIGHT, EXPLOSION-PROOF LIGHT AND
OTHER OUTDOOR LIGHTING WITH SMALL SIZE HOUSING (PLASTIC PLUGS, FOR BUILD-IN USE ONLY)

SPECIFICATIONS

8W / 12W / 24W / 40W / 50W / 60W / 80W / 100W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
HAE-8W-28V	8W	120-277V	14-28V	300mA	62*53*26mm	<10%	>0.95
HAE-12W-42V	12W	120-277V	21-42V	300mA	62*53*26mm	<10%	>0.95
HAE-12W-22V	12W	120-277V	11-22V	600mA	62*53*26mm	<10%	>0.95
HAE-24W-72V	24W	120-277V	36-72V	300mA	66*53*26mm	<10%	>0.95
HAE-24W-68V	24W	120-277V	34-68V	350mA	66*53*26mm	<10%	>0.95
HAE-24W-42V	24W	120-277V	21-42V	600mA	66*53*26mm	<10%	>0.95
HAE-24W-36V	24W	120-277V	19-36V	700mA	66*53*26mm	<10%	>0.95
HAE-40W-88V	40W	120-277V	44-88V	450mA	77*53*26mm	<10%	>0.95
HAE-40W-80V	40W	120-277V	40-80V	500mA	77*53*26mm	<10%	>0.95
HAE-40W-66V	40W	120-277V	33-66V	600mA	77*53*26mm	<10%	>0.95
HAE-40W-58V	40W	120-277V	29-58V	700mA	77*53*26mm	<10%	>0.95
HAE-40W-42V	40W	120-277V	21-42V	900mA	77*53*26mm	<10%	>0.95
HAE-40W-38V	40W	120-277V	19-38V	1050mA	77*53*26mm	<10%	>0.95
HAE-50W-86V	50W	120-277V	43-86V	600mA	78*64*32mm	<10%	>0.95
HAE-50W-72V	50W	120-277V	36-72V	700mA	78*64*32mm	<10%	>0.95
HAE-50W-56V	50W	120-277V	28-56V	900mA	78*64*32mm	<10%	>0.95
HAE-50W-48V	50W	120-277V	24-48V	1050mA	78*64*32mm	<10%	>0.95
HAE-50W-42V	50W	120-277V	21-42V	1200mA	78*64*32mm	<10%	>0.95
HAE-50W-38V	50W	120-277V	19-38V	1350mA	78*64*32mm	<10%	>0.95
HAE-50W-36V	50W	120-277V	18-36V	1500mA	78*64*32mm	<10%	>0.95
HAE-60W-86V	60W	120-277V	43-86V	700mA	78*64*32mm	<10%	>0.95
HAE-60W-66V	60W	120-277V	33-66V	900mA	78*64*32mm	<10%	>0.95
HAE-60W-58V	60W	120-277V	29-58V	1050mA	78*64*32mm	<10%	>0.95
HAE-60W-48V	60W	120-277V	24-48V	1200mA	78*64*32mm	<10%	>0.95
HAE-60W-42V	60W	120-277V	21-42V	1400mA	78*64*32mm	<10%	>0.95
HAE-60W-33V	60W	120-277V	17-33V	1800mA	78*64*32mm	<10%	>0.95
HAE-60W-38A	60W	120-277V	19-38V	1050-1900mA	78*64*32mm	<10%	>0.95
HAE-60W-56A	60W	120-277V	28-56V	750-1430mA	78*64*32mm	<10%	>0.95
HAE-60W-86A	60W	120-277V	43-86V	500-1050mA	78*64*32mm	<10%	>0.95
HAE-80W-56A	80W	120-277V	28-56V	1050-1900mA	91*64*32mm	<10%	>0.95
HAE-80W-38A	80W	120-277V	19-38V	1500-2500mA	91*64*32mm	<10%	>0.95
HAE-100W-56A	100W	120-277V	28-56V	1500-2500mA	106*64*32mm	<10%	>0.95
HAE-100W-38A	100W	120-277V	19-38V	1800-3000mA	106*64*32mm	<10%	>0.95
HAE-150W-56A	150W	120-277V	28-56V	2100-3600mA	138*64*32mm	<10%	>0.95
HAE-150W-38A	150W	120-277V	19-38V	2800-4700mA	138*64*32mm	<10%	>0.95
HAE-200W-56A	200W	120-277V	28-56V	2700-4800mA	173*64*32mm	<10%	>0.95
HAE-200W-38A	200W	120-277V	19-38V	3750-6250mA	173*64*32mm	<10%	>0.95
HAE-240W-56A	240W	120-277V	28-56V	3500-5700mA	191*64*32mm	<10%	>0.95
HAE-240W-38A	240W	120-277V	19-38V	4500-7500mA	191*64*32mm	<10%	>0.95

※ V-Current not adjustable A-Adjustable potentiometer version

(Specific size is subject to the real product)



SAP

SERIES

Isolated Flicker Free Street Light Drivers

FEATURES

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 20-38VDC/27-56VDC/HIGH VOLTAGE LOW CURRENT
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY:92%~94%
IP GRADE: IP65
CERTIFICATION: CB
WARRANTY: 5 YEARS
PROTECTIONS: INPUT UVP/OVP , OUTPUT SCP/OTP/OVP
※ INPUT UVP: WHEN THE INPUT VOLTAGE IS LOWER THAN 90VAC, THE POWER WILL BE REDUCED BY HALF; WHEN THE INPUT VOLTAGE IS LOWER THAN 80VAC, THE POWER WILL BE TURNED OFF. THE WORK WILL BE RESUMED AFTER THE AC VOLTAGE RETURENS TO NORMAL.
INPUT OVP: POWER WILL BE OFF AT 3330V HIGH VOLTAGE, AND WILL BE RESUMED AFTER THE AC VOLTAGE RETURNS TO NORMAL.



NEW ARRIVAL

SPECIFICATIONS

30W / 50W / 75W / 100W / 120W / 150W / 200W / 240W

	Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
L. V.	SAP-30W-38A/B	30W	100-277V	20-38V	400-1000mA	126*41*29mm	<10%	>0.95
	SAP-50W-38A/B	50W	100-277V	20-38V	750-1500mA	126*41*29mm	<10%	>0.95
	SAP-75W-38A/B/C	75W	100-277V	20-38V	1200-2400mA	143*49*35mm	<10%	>0.95
	SAP-100W-38A/B/C	100W	100-277V	20-38V	1500-3000mA	143*49*35mm	<10%	>0.95
	SAP-120W-38A/B/C	120W	100-277V	20-38V	1800-3600mA	176*58*35mm	<10%	>0.95
	SAP-150W-38A/B/C	150W	100-277V	20-38V	2400-4500mA	176*58*35mm	<10%	>0.95
	SAP-200W-38A/B/C	200W	100-277V	20-38V	3000-6000mA	186*60*38mm	<10%	>0.95
	SAP-240W-38A/B/C	240W	100-277V	20-38V	3800-7200mA	211*67.5*38.5mm	<10%	>0.95
N. V.	SAP-30W-56A/B	30W	100-277V	27-56V	300-750mA	126*41*29mm	<10%	>0.95
	SAP-50W-56A/B	50W	100-277V	27-56V	600-1200mA	126*41*29mm	<10%	>0.95
	SAP-75W-56A/B/C	75W	100-277V	27-56V	900-1800mA	143*49*35mm	<10%	>0.95
	SAP-100W-56A/B/C	100W	100-277V	27-56V	1300-2500mA	143*49*35mm	<10%	>0.95
	SAP-120W-56A/B/C	120W	100-277V	27-56V	1400-2900mA	176*58*35mm	<10%	>0.95
	SAP-150W-56A/B/C	150W	100-277V	27-56V	1800-3600mA	176*58*35mm	<10%	>0.95
	SAP-200W-56A/B/C	200W	100-277V	27-56V	2500-4800mA	186*60*38mm	<10%	>0.95
	SAP-240W-56A/B/C	240W	100-277V	27-56V	2900-5800mA	211*67.5*38.5mm	<10%	>0.95
H. V.	SAP-30W-72A/B	30W	100-277V	30-72V	300-600mA	126*41*29mm	<10%	>0.95
	SAP-50W-72A/B	50W	100-277V	30-72V	500-1050mA	126*41*29mm	<10%	>0.95
	SAP-75W-72A/B/C	75W	100-277V	30-72V	700-1500mA	143*49*35mm	<10%	>0.95
	SAP-75W-107A/B/C	75W	100-277V	36-107V	500-1050mA	143*49*35mm	<10%	>0.95
	SAP-100W-108A/B/C	100W	100-277V	36-108V	700-1500mA	143*49*35mm	<10%	>0.95
	SAP-100W-143A/B/C	100W	100-277V	48-143V	500-1050mA	143*49*35mm	<10%	>0.95
	SAP-120W-108A/B/C	120W	100-277V	36-108V	800-1700mA	176*58*35mm	<10%	>0.95
	SAP-120W-143A/B/C	120W	100-277V	56-143V	600-1200mA	176*58*35mm	<10%	>0.95
	SAP-150W-108A/B/C	150W	100-277V	36-108V	1050-2100mA	176*58*35mm	<10%	>0.95
	SAP-150W-143A/B/C	150W	100-277V	56-143V	700-1500mA	176*58*35mm	<10%	>0.95
	SAP-150W-214A/B/C	150W	100-277V	72-214V	500-1050mA	176*58*35mm	<10%	>0.95
	SAP-200W-110A/B/C	200W	100-277V	42-110V	1400-2700mA	186*60*38mm	<10%	>0.95
	SAP-200W-143A/B/C	200W	100-277V	56-143V	1050-2100mA	186*60*38mm	<10%	>0.95
	SAP-200W-190A/B/C	200W	100-277V	68-190V	750-1500mA	186*60*38mm	<10%	>0.95
	SAP-200W-286A/B/C	200W	100-277V	95-286V	500-1050mA	186*60*38mm	<10%	>0.95
	SAP-240W-110A/B/C	240W	100-277V	42-110V	1800-3300mA	211*67.5*38.5mm	<10%	>0.95
	SAP-240W-143A/B/C	240W	100-277V	54-143V	1200-2400mA	211*67.5*38.5mm	<10%	>0.95
	SAP-240W-228A/B/C	240W	100-277V	76-228V	700-1500mA	211*67.5*38.5mm	<10%	>0.95
	SAP-240W-343A/B/C	240W	100-277V	115-343V	500-1050mA	211*67.5*38.5mm	<10%	>0.95

※ L.V.:Low output voltage N.V.: Normal output voltage H.V.:High output voltage
※ A-Adjustable potentiometer version B-Three-in-one dimming version C-Dimming+12V(Maximum load current 50mA)
Some product models are under development (Specific size is subject to the real product)



SCP

SERIES

Isolated LED Street Light Drivers

FEATURES

TOP SALE

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 28-56VDC/54-90VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 89.3%~91.5%
IP GRADE: IP65
PROTECTIONS: **INPUT UVP (>75W)**, OUTPUT SCP/OVP/OTP
CERTIFICATION: CB (COMPLIANT WITH SASO2927 STREET LAMP STANDARD)
WARRANTY: 5 YEARS
※ INPUT UVP: WHEN THE INPUT VOLTAGE IS LOWER THAN 95VAC, THE POWER WILL BE 50%; THE WORK WILL BE RESUMED AFTER THE AC VOLTAGE RETURENS TO NORMAL.



SPECIFICATIONS

50W / 75W / 100W / 150W / 200W / 240W

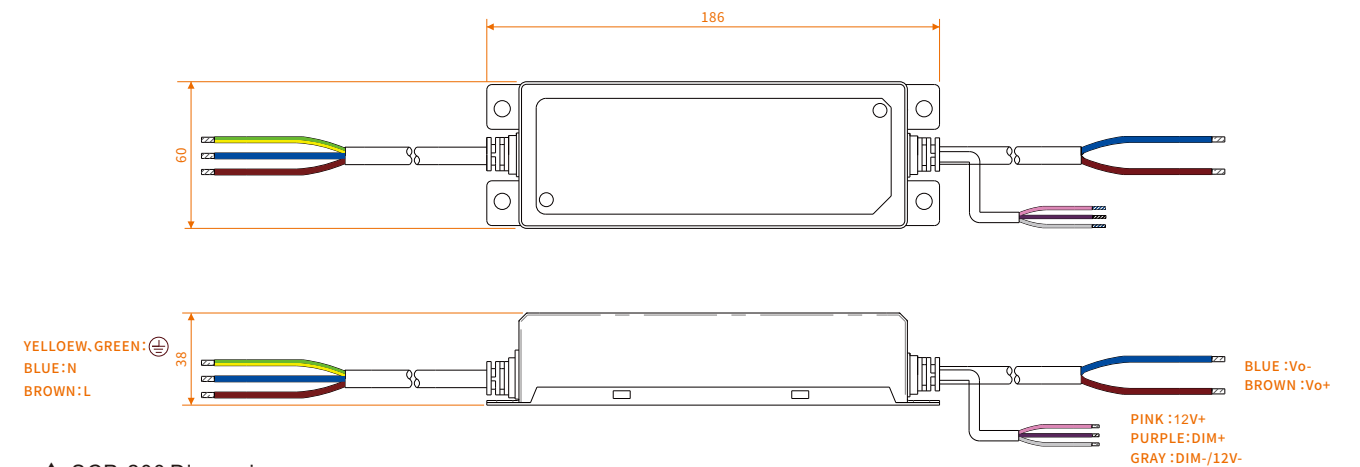
	Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
N. V.	SCP-50-56*	50W	100-277V	28-56V	800-1500mA	126*41*29mm	<15%	>0.95
	SCP-75-56*	75W	100-277V	28-56V	1200-2200mA	143*49*33mm	<15%	>0.95
	SCP-100-56*	100W	100-277V	28-56V	1600-3000mA	143*49*33mm	<15%	>0.95
	SCP-150-56*	150W	100-277V	28-56V	2400-4500mA	176*58*36mm	<15%	>0.95
	SCP-200-56*	200W	100-277V	28-56V	3000-6000mA	186*60*38mm	<15%	>0.95
	SCP-240-56*	240W	100-277V	28-56V	3800-7200mA	211*67.5*38.5mm	<15%	>0.95
H. V.	SCP-50-90*	50W	100-277V	54-90V	450-750mA	126*41*29mm	<15%	>0.95
	SCP-75-90*	75W	100-277V	54-90V	700-1200mA	143*49*33mm	<15%	>0.95
	SCP-100-90*	100W	100-277V	54-90V	800-1500mA	143*49*33mm	<15%	>0.95
	SCP-150-90*	150W	100-277V	54-90V	1200-2300mA	176*58*36mm	<15%	>0.95
	SCP-200-90*	200W	100-277V	54-90V	1600-3000mA	186*60*38mm	<15%	>0.95
	SCP-240-90*	240W	100-277V	54-90V	1900-3600mA	211*67.5*38.5mm	<15%	>0.95

※ N.V.: Normal output voltage H.V.: High output voltage

(Specific size is subject to the real product)

Rated power	* Version				Packing		
	A-Adjustable potentiometer version	B-Three-in-one dimming version	C-Dimming+12V	F-Time-controlled dimming	Quantity(PCS)	Weight(KG)	Measure(CM)
50W	√	√	√	×	50	15.4	33.5*24.5*24
75W	√	√	√	√	36	14.1	33.5*24.5*24
100W	√	√	√	√	36	14.1	33.5*24.5*24
150W	√	√	√	√	25	16.7	33.5*24.5*24
200W	√	√	√	√	25	19.1	33.5*24.5*24
240W	√	√	√	√	15	14.9	33.5*24.5*24

DIMENSION





GEP

SERIES

Isolated LED Street Light Drivers

FEATURES

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 25-36VDC/30-42VDC/34-54VDC/54-90VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95
SURGE PROTECTION GRADE: 4/6KV
EFFICIENCY: 90%~91.5%
IP GRADE: IP65
PROTECTIONS: INPUT OVP, OUTPUT SCP/OVP/OTP
CERTIFICATION: CE
WARRANTY: 5 YEARS
※ NOTE: POWER WILL BE OFF AT 320V HIGH-VOLTAGE AND RESUME AFTER THE VOLTAGE IS NORMAL



SPECIFICATIONS

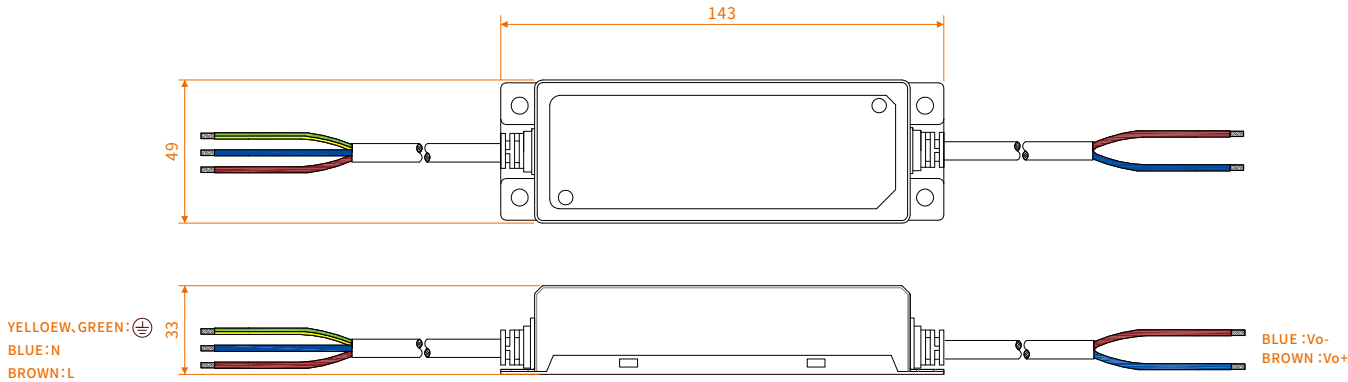
75W / 80W / 100W / 150W / 200W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
GEP-75-90	75W	100-277V	54-90V	790mA±5%	143*49*33mm	<15%	>0.95
GEP-80-42	80W	100-277V	25-42V	2200mA±5%	143*49*33mm	<15%	>0.95
GEP-100-36	100W	100-277V	25-36V	3000mA±5%	143*49*33mm	<15%	>0.95
GEP-100-42	100W	100-277V	30-42V	2500mA±5%	143*49*33mm	<15%	>0.95
GEP-100-54	100W	100-277V	34-54V	1900mA±5%	143*49*33mm	<15%	>0.95
GEP-100-90	100W	100-277V	54-90V	1100mA±5%	143*49*33mm	<15%	>0.95
GEP-150-36	150W	100-277V	25-36V	4500mA±5%	176*58*36mm	<15%	>0.95
GEP-150-42	150W	100-277V	30-42V	3700mA±5%	176*58*36mm	<15%	>0.95
GEP-150-54	150W	100-277V	34-54V	2800mA±5%	176*58*36mm	<15%	>0.95
GEP-150-90	150W	100-277V	54-90V	1700mA±5%	176*58*36mm	<15%	>0.95
GEP-200-36	200W	100-277V	25-36V	6000mA±5%	186*60*37mm	<15%	>0.95
GEP-200-42	200W	100-277V	30-42V	5000mA±5%	186*60*37mm	<15%	>0.95
GEP-200-54	200W	100-277V	34-54V	3700mA±5%	186*60*37mm	<15%	>0.95
GEP-200-90	200W	100-277V	54-90V	2200mA±5%	186*60*37mm	<15%	>0.95

(Specific size is subject to the real product)

Packing				Packing			
Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)	Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)
75W	36	15.8	33.5*24.5*24	150W	25	18.8	33.5*24.5*24
80W	36	15.8	33.5*24.5*24	200W			33.5*24.5*24
100W	25	16.3	33.5*24.5*24				

DIMENSION



▲ GEP-100 Dimension



FEATURES

INPUT VOLTAGE: 200-277VAC
OUTPUT VOLTAGE: 27-56VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 89%~90%
IP GRADE: IP67
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OTP
FEATURES: 0-5V NON-POLAR DIMMING AND ADJUSTING FOR CCT (OPTIONAL: DIMMING OFF, 0-10V NON-POLAR DIMMING AND ADJUSTING FOR CCT, PWM DIMMING AND AND ADJUSTING FOR CCT, POSITIVE AND NEGATIVE LOGIC DIMMING)
CERTIFICATION: CCC
WARRANTY: 5 YEARS



SPECIFICATIONS

50W / 75W / 100W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
HDC-50W-56B	50W	200-277V	27-56V	2×450mA	138*56*32mm	<10%	>0.95
HDC-75W-56B	75W	200-277V	27-56V	2×700mA	167*61*32.5mm	<10%	>0.95
HDC-100W-56B	100W	200-277V	27-56V	2×900mA	168.5*68*37mm	<10%	>0.95
HDC-150W-56B	150W	200-277V	27-56V	2×1400mA	193*68*37mm	<10%	>0.95
HDC-200W-56B	200W	200-277V	27-56V	2×1800mA	247*68*37mm	<10%	>0.95
HDC-240W-56B	240W	200-277V	27-56V	2×2100mA	247*68*37mm	<10%	>0.95

※ Double circuits into 100%, single circuit adjustable from 5% to 100%
(75W/100W/150W can be customized into four-circuit)

(Specific size is subject to the real product)

SPD-10KV

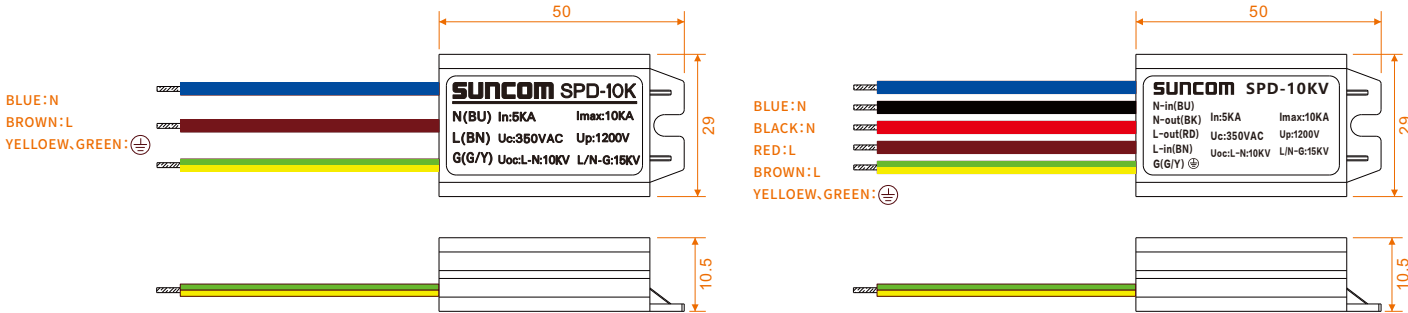
FEATURES

INPUT VOLTAGE: 100-277V~50/60HZ
SURGE PROTECTION GRADE: DM10KV, CM15KV
IP GRADE: IP65
WARRANTY: 5 YEARS
※ ACCORDING TO IEC61643-1、GB18802.1 STANDARDS



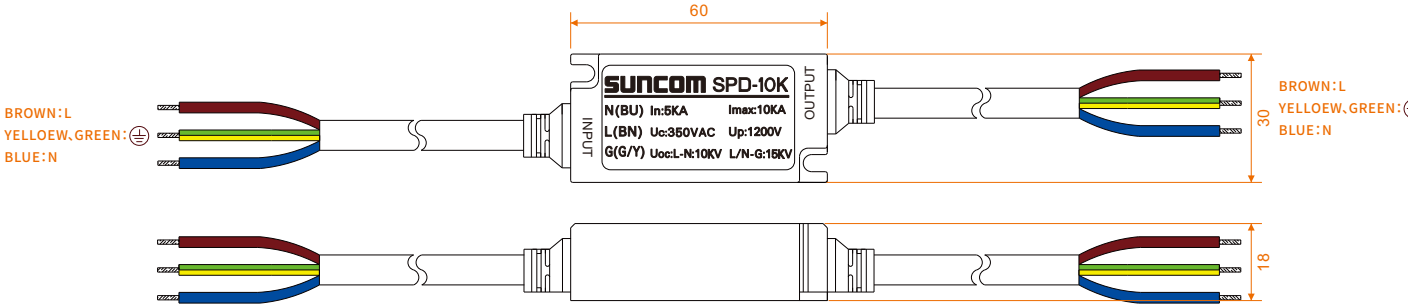
Technique Specifications			
Rated input voltage(Uc)	100Vac~277Vac	Rated load current (IL)	5A
Maximum continuous operating voltage (Uc)	305Vac	Leakage current (Ir)	≤20μA
Impulse withstand of electrical(Uoc)	10KV	Response time (TA)	≤100ns
Nominal discharge current In(8/20μs)	5KA	Operating temperature	-40 ~ +65°C @ 100-305Vac
maximum discharge current Imax(8/20μs)	10KA	Operating humidity	20~90%RH, no condensation
Voltage protection level (Up)	1200V	Storage humidity and temperature	-40~+85°C, 10 ~ 90% RH
Vibration resistance	10~500Hz,5G12minutes/cycle, X-Y-Z axis 72 minutes each		

DIMENSION

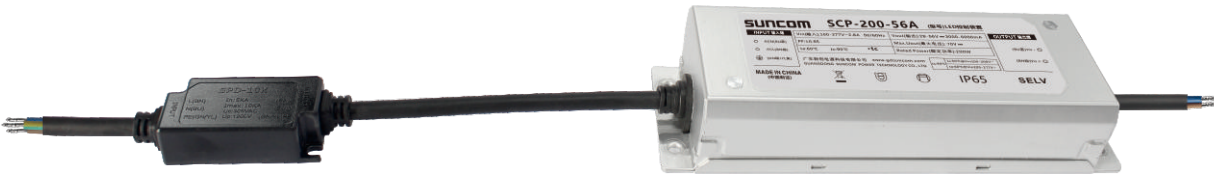


▲ SPD-10KV (parallel connection) as Dimension

▲ SPD-10KV (series connection with electronic wire) as Dimension



▲ SPD-10KV (series connection with rubber wire) as Dimension



※ Can offer customization service, "integration of surge protection and led driver" to reduce the secondary wiring process



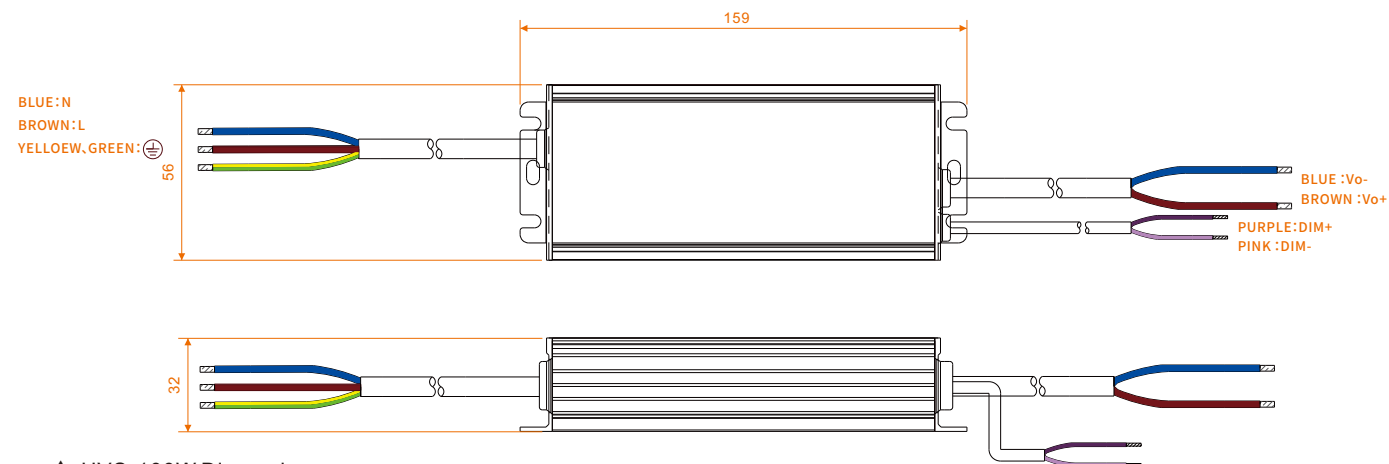
FEATURES

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 90-150VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
PROTECTIONS: INPUT UVP, OUTPUT SCP/OVP/OLP/OTP
SURGE PROTECTION GRADE: 6/10KV (<75W: 4/6KV)
EFFICIENCY: 90%~95.5%
IP GRADE: IP67
WARRANTY: 5 YEARS
CERTIFICATIONS: ENEC/CE/CB/CCC
(C VERSION IS COMPLIANT WITH THE NEW ERP STANDARD)

HOT PRODUCTS



DIMENSION



▲ HVS-100W Dimension

SPECIFICATIONS

30W / 50W / 75W / 100W / 120W / 150W / 200W / 240W / 320W

	Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
N. V.	HVS-30W-150*	30W	100-277V	90-150V	150-300mA	109*56*32mm	<10%	>0.95
	HVS-50W-150*	50W	100-277V	90-150V	250-500mA	109*56*32mm	<10%	>0.95
	HVS-75W-150*	75W	100-277V	90-150V	350-750mA	159*56*32mm	<10%	>0.95
	HVS-100W-150*	100W	100-277V	90-150V	500-1000mA	159*56*32mm	<10%	>0.95
	HVS-120W-150*	120W	100-277V	90-150V	600-1200mA	162*56*32mm	<10%	>0.95
	HVS-150W-150*	150W	100-277V	90-150V	750-1500mA	162*56*32mm	<10%	>0.95
	HVS-200W-150*	200W	100-277V	90-150V	1000-2000mA	179*68*37mm	<10%	>0.95
	HVS-240W-150*	240W	100-277V	90-150V	1200-2400mA	179*68*37mm	<10%	>0.95
H. V.	HVS-30W-260*	30W	100-277V	180-260V	70-150mA	109*56*32mm	<10%	>0.95
	HVS-50W-260*	50W	100-277V	180-260V	120-250mA	109*56*32mm	<10%	>0.95
	HVS-75W-260*	75W	100-277V	180-260V	180-380mA	159*56*32mm	<10%	>0.95
	HVS-100W-260*	100W	100-277V	180-260V	250-500mA	159*56*32mm	<10%	>0.95
	HVS-120W-260*	120W	100-277V	180-260V	300-600mA	162*56*32mm	<10%	>0.95
	HVS-150W-260*	150W	100-277V	180-260V	400-750mA	162*56*32mm	<10%	>0.95
	HVS-200W-260*	200W	100-277V	180-260V	600-1000mA	179*68*37mm	<10%	>0.95
	HVS-240W-260*	240W	100-277V	180-260V	750-1200mA	179*68*37mm	<10%	>0.95
	HVS-320W-260*	320W	100-277V	180-260V	900-1600mA	214*68*37mm	<10%	>0.95

※ N.V.: Normal output voltage H.V.: High output voltage

(Specific size is subject to the real product)

* Version					Packing		
Rated power	A-Adjustable potentiometer version	B-Three-in-one dimming version	C-Dimming+12V	XP-12V auxiliary power version (With afterglow version)	Quantity(PCS)	Weight(KG)	Measure(CM)
30W	√	√	×	√	30	10.9	33.5*24.5*24
50W	√	√	×	√	30	10.9	33.5*24.5*24
75W	√	√	√	√	30	15.0	33.5*24.5*24
100W	√	√	√	√	30	15.1	33.5*24.5*24
120W	√	√	√	√	30	15.3	33.5*24.5*24
150W	√	√	√	√	30	16.0	33.5*24.5*24
200W	√	√	√	√	20	15.6	33.5*24.5*24
240W	√	√	√	√	20	15.6	33.5*24.5*24
320W	√	√	√	√	15	14.8	33.5*24.5*24



LBS

SERIES

Non-isolated Flicker Free LED Street Light Drivers

FEATURES

INPUT VOLTAGE: 120-277VAC(INPUT VOLTAGE 100-120VAC, POWER DECREASE INTO 80%)
OUTPUT VOLTAGE: 80-150VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95
PROTECTIONS: INPUT UVP(POWER OFF WHEN VOLTAGE<90V), OUTPUT SCP/OVP/OTP
CERTIFICATIONS: ENEC/CE/CB
SURGE PROTECTION GRADE: 6/6KV (<80W: 4/6KV)
EFFICIENCY: 90%~95.5%
IP GRADE: IP42/IP54
WARRANTY: 5 YEARS
REMARK: FOR BUILT-IN USE ONLY, LAMP HOUSING NEED TO BE WATERPROOF



HOT PRODUCTS

SPECIFICATIONS

40W / 60W / 80W / 100W / 120W / 150W / 200W / 240W / 320W

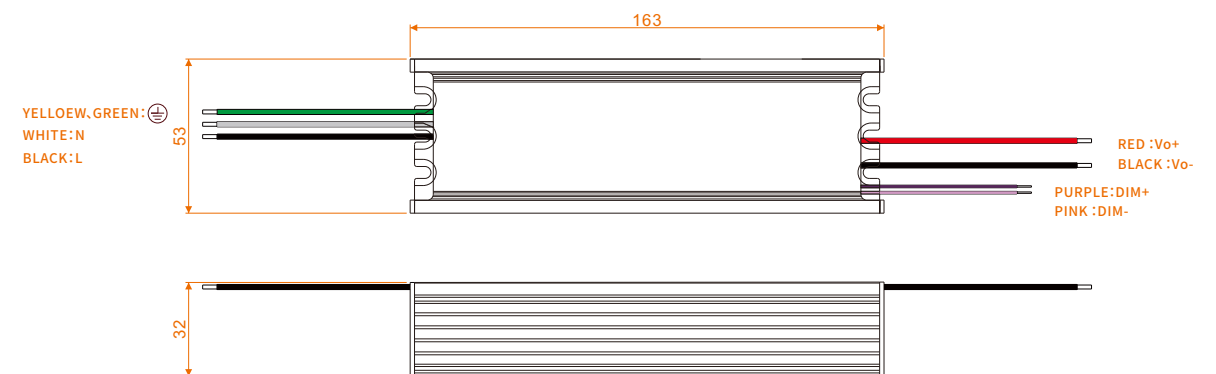
	Model	Rated Power	Input Voltage	Output Voltage	Constant Power Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
N.V.	LBS-40W-150*	40W	120-277V	80-150V	100-150V	150-300mA	105*53*31mm	<10%	>0.95
	LBS-60W-150*	60W	120-277V	80-150V	100-150V	250-500mA	105*53*31mm	<10%	>0.95
	LBS-80W-150*	80W	120-277V	80-150V	100-150V	350-750mA	143*53*32mm	<10%	>0.95
	LBS-100W-150*	100W	120-277V	80-150V	100-150V	500-1000mA	143*53*32mm	<10%	>0.95
H.V.	LBS-120W-260*	120W	120-277V	180-260V	200-260V	300-600mA	163*53*32mm	<10%	>0.95
	LBS-150W-260*	150W	120-277V	180-260V	200-260V	400-750mA	163*53*32mm	<10%	>0.95
	LBS-200W-260*	200W	120-277V	180-260V	200-260V	600-1000mA	188*61*37mm	<10%	>0.95
	LBS-240W-260*	240W	120-277V	180-260V	200-260V	750-1200mA	188*61*37mm	<10%	>0.95
	LBS-320W-260*	320W	120-277V	180-260V	200-260V	900-1600mA	218*61*37mm	<10%	>0.95

※ N.V.: Normal output voltage H.V.:High output voltage

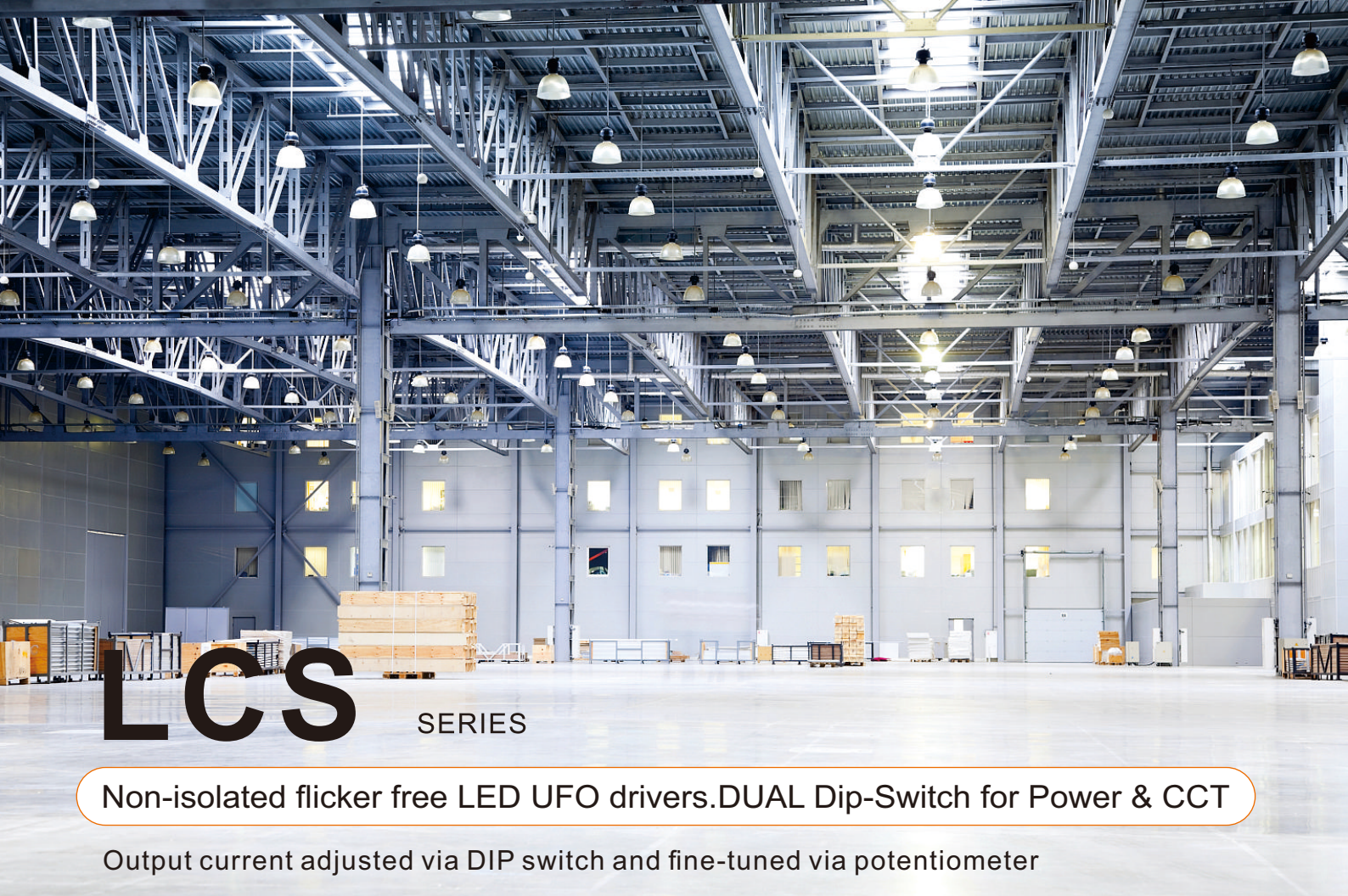
(Specific size is subject to the real product)

* Version				Packing		
Rated power	A-Adjustable potentiometer version	P-Off-line programming dimming version	L-Light controlled version	Quantity(PCS)	Weight(KG)	Measure(CM)
40W	√	√	√	36	11.35	33.5*24.5*24
60W	√	√	√	36	11.45	33.5*24.5*24
80W	√	√	√	36	15.96	33.5*24.5*24
100W	√	√	√	36	16.09	33.5*24.5*24
120W	√	√	√	25	12.67	33.5*24.5*24
150W	√	√	√	25	13.05	33.5*24.5*24
200W	√	√	√	25	17.06	33.5*24.5*24
240W	√	√	√	25	17.17	33.5*24.5*24
320W	√	√	√	15	12.36	33.5*24.5*24

DIMENSION



▲ LBS-150W Dimension



LCS

SERIES

Non-isolated flicker free LED UFO drivers.DUAL Dip-Switch for Power & CCT

Output current adjusted via DIP switch and fine-tuned via potentiometer

FEATURES

DUAL Switch for Power & CCT. Constant Current output.

NEW ARRIVAL

INPUT VOLTAGE: 120-277VAC

OUTPUT VOLTAGE: 180-300VDC

ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95/COMMON MODE RESIDUAL VOLTAGE<3KV

PROTECTIONS: INPUT UVP, OUTPUT SCP/OLP/OVP/OTP

EFFICIENCY: 94%~96%

SURGE PROTECTION GRADE: 4/6KV

IP GRADE: IP65

WARRANTY: 5 YEARS

GLOBAL CERTIFICATIONS: ENEC-CE/SAA/CCC/CUL/UL/FCC/CB/CLASS P

(C VERSION IS COMPLIANT WITH NEW ERP STANDARD)

INPUT UVP: WHEN INPUT VOLTAGE IS 100-120VAC, POWER WILL BE 80%;

WHEN INPUT VOLTAGE IS LESS THEN 95VAC, POWER WILL BE 50%.

REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD ≥ 3KV,

CREEPAGE DISTANCE ≥ 3.5MM

※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



SPECIFICATIONS

100W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
LCS-100W-300A	100W	120-277V	180-300V	250-500mA	φ128*58mm	<10%	>0.95
LCS-150W-300A	150W	120-277V	180-300V	375-750mA	φ128*58mm	<10%	>0.95
LCS-200W-300A	200W	120-277V	180-300V	500-1000mA	φ128*58mm	<10%	>0.95
LCS-240W-300A	240W	120-277V	180-300V	600-1200mA	φ128*58mm	<10%	>0.95
LCS-100W-300P	100W	120-277V	180-300V	250-500mA	φ128*58mm	<10%	>0.95
LCS-150W-300P	150W	120-277V	180-300V	375-750mA	φ128*58mm	<10%	>0.95
LCS-200W-300P	200W	120-277V	180-300V	500-1000mA	φ128*58mm	<10%	>0.95
LCS-240W-300P	240W	120-277V	180-300V	600-1200mA	φ128*58mm	<10%	>0.95
LCS-100W-300C	100W	120-277V	180-300V	250-500mA	φ128*58mm	<10%	>0.95
LCS-150W-300C	150W	120-277V	180-300V	375-750mA	φ128*58mm	<10%	>0.95
LCS-200W-300C	200W	120-277V	180-300V	500-1000mA	φ128*58mm	<10%	>0.95
LCS-240W-300C	240W	120-277V	180-300V	600-1200mA	φ128*58mm	<10%	>0.95
LCS-100W-300D	100W	120-277V	180-300V	250-500mA	φ128*58mm	<10%	>0.95
LCS-150W-300D	150W	120-277V	180-300V	375-750mA	φ128*58mm	<10%	>0.95
LCS-200W-300D	200W	120-277V	180-300V	500-1000mA	φ128*58mm	<10%	>0.95
LCS-240W-300D	240W	120-277V	180-300V	600-1200mA	φ128*58mm	<10%	>0.95

※ A-Adjustable potentiometer version

P-Adjustable current + programmed dimming version

C-Adjustable current + programmed dimming + 12V auxiliary power

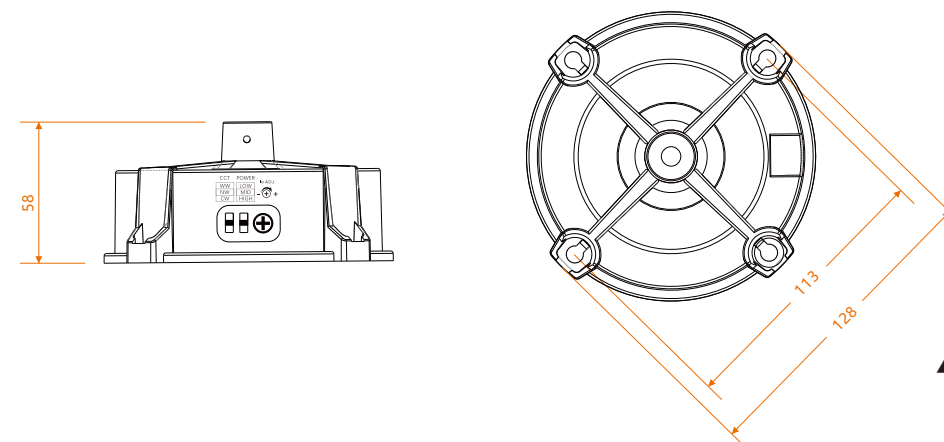
D-Adjustable current+ DIP switch for power and CCT

(Specific size is subject to the real product)

List of available models with corresponding suffix functions							Packing			
Version	Adjustable potentiometer version	1-10V/PWM/ Resistor	Off-line programming	DIP switch DIM for Power	CCT adjustable via DIP switch	AUX 12V+	Rated power	Quantity (PCS)	Weight (KG)	Measure (CM)
A	√						100W	15		43*43*16
P	√	√	√				150W	15		43*43*16
C	√	√	√			√	200W	15		43*43*16
D	√			√	√		240W	15		43*43*16

※ Adjustable potentiometer is the basic version. Clients could add more functions of "dip switch for power, or CCT, or dimming, or programming or Auxiliary Power" as option.

DIMENSION



▲ LCS-100~240W dimension



LVS

SERIES

Non-isolated flicker free LED UFO drivers

FEATURES

INPUT VOLTAGE: 100-277VAC
OUTPUT VOLTAGE: 100-180VDC/180-260VDC
ELECTRICAL PERFORMANCE PARAMETERS: THD<10%/PF>0.95/
COMMON MODE RESIDUAL VOLTAGE<3KV
PROTECTIONS: OUTPUT SCP/OVP/OTP
GLOBAL CERTIFICATIONS: ENEC-CE/SAA/CCC/CUL/UL/FCC/CB/CLASS P
(C VERSION IS COMPLIANT WITH NEW ERP STANDARD)
SURGE PROTECTION GRADE: 6/10KV
EFFICIENCY: 94%~95.5%
IP GRADE: IP65
WARRANTY: 5 YEARS
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD≥3KV, CREEPAGE DISTANCE ≥3.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



HOT PRODUCTS

SPECIFICATIONS

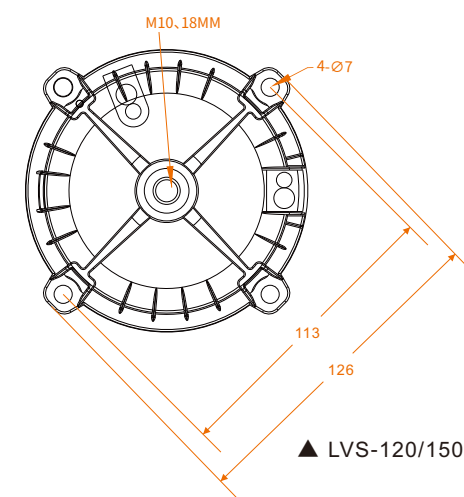
120W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
LVS-120W-180*	120W	100-277V	100-180V	500-950mA	φ126*56mm	<10%	>0.95
LVS-150W-180*	150W	100-277V	100-180V	750-1400mA	φ126*56mm	<10%	>0.95
LVS-200W-180*	200W	100-277V	100-180V	1000-1800mA	φ127*60mm	<10%	>0.95
LVS-240W-180*	240W	100-277V	100-180V	1200-2200mA	φ127*60mm	<10%	>0.95
LVS-120W-260*	120W	100-277V	180-260V	350-600mA	φ126*56mm	<10%	>0.95
LVS-150W-260*	150W	100-277V	180-260V	450-750mA	φ126*56mm	<10%	>0.95
LVS-200W-260*	200W	100-277V	180-260V	600-1000mA	φ127*60mm	<10%	>0.95
LVS-240W-260*	240W	100-277V	180-260V	750-1200mA	φ127*60mm	<10%	>0.95

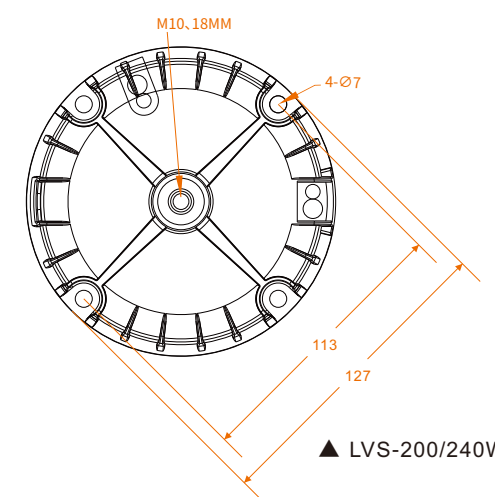
(Specific size is subject to the real product)

* Version				Packing		
Rated power	A-Adjustable potentiometer version	B-Three-in-one dimming version	C-Dimming+12V	Quantity(PCS)	Weight(KG)	Measure(CM)
120W	√	√	√	15	9.5	43*43*16
150W	√	√	√	15	9.5	43*43*16
200W	√	√	√	15	13.7	43*43*16
240W	√	√	√	15	13.7	43*43*16

DIMENSION



▲ LVS-120/150W dimension



▲ LVS-200/240W dimension



LAS

SERIES

Non-isolated flicker free LED UFO drivers

FEATURES

INPUT VOLTAGE: 200-240VAC
OUTPUT VOLTAGE: 410-450VDC(410-470VDC CAN BE CUSTOMIZED)
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95/
COMMON MODE RESIDUAL VOLTAGE<2.5KV/96% EFFICIENCY
PROTECTIONS: INPUT UVP, OUTPUT SCP/OTP/OVP
CERTIFICATIONS: CE/CB/CCC(PCBA OPTIONAL, 3 YEARS WARRANTY)
SURGE PROTECTION GRADE: 4/6KV
EFFICIENCY: 94%~96%
IP GRADE: IP42 (IP65 OPTION)
WARRANTY: 5 YEARS
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD≥3KV,
CREEPAGE DISTANCE ≥4.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



SPECIFICATIONS

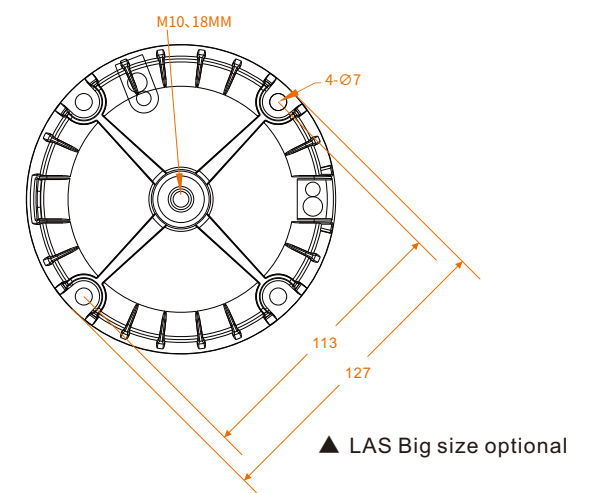
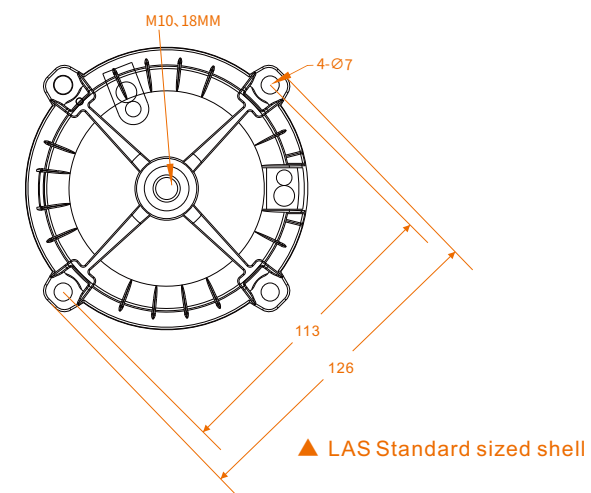
50W / 80W / 100W / 120W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
LAS-50H-450A	50W	200-240V	410-450V	90-130mA	φ126*56mm	<15%	>0.95
LAS-80H-450A	80W	200-240V	410-450V	150-200mA	φ126*56mm	<15%	>0.95
LAS-100H-450A	100W	200-240V	410-450V	200-250mA	φ126*56mm	<15%	>0.95
LAS-120H-450A	120W	200-240V	410-450V	240-300mA	φ126*56mm	<15%	>0.95
LAS-150H-450A	150W	200-240V	410-450V	300-380mA	φ126*56mm	<15%	>0.95
LAS-200H-450A	200W	200-240V	410-450V	400-500mA	φ126*56mm	<15%	>0.95
LAS-240H-450A	240W	200-240V	410-450V	480-600mA	φ126*56mm	<15%	>0.95

(Specific size is subject to the real product)

* Version				Packing		
Rated power	A-Adjustable potentiometer version	B-Three-in-one dimming version	C-Dimming+12V	Quantity(PCS)	Weight(KG)	Measure(CM)
50W	√	×	×	15	7.1	43*43*13.2
80W	√	×	×	15	7.1	43*43*13.2
100W	√	×	×	15	7.2	43*43*13.2
120W	√	×	×	15	7.2	43*43*13.2
150W	√	×	×	15	7.8	43*43*13.2
200W	√	×	×	15	8.1	43*43*13.2
240W	√	×	×	15	8.1	43*43*13.2

DIMENSION





LAG

SERIES

Non-isolated LED UFO drivers

FEATURES

INPUT VOLTAGE: 200-240VAC
OUTPUT VOLTAGE: 410-450VDC(410-470VDC CAN BE CUSTOMIZED)
ELECTRICAL PERFORMANCE PARAMETERS: THD<15%/PF>0.95/
COMMON MODE RESIDUAL VOLTAGE<2.5KV/97% EFFICIENCY
PROTECTIONS: INPUT UVP, OUTPUT OTP/OVP
CERTIFICATIONS: CE/CB/CCC(PCBA OPTIONAL, 3 YEARS WARRANTY)
SURGE PROTECTION GRADE: 4/6KV
EFFICIENCY: 96%~97%
IP GRADE: IP42 (IP65 OPTION)
WARRANTY: 5 YEARS
REMARK: WITHSTANDING VOLTAGE FOR LAMP BOARD≥3KV, CREEPAGE DISTANCE ≥4.5MM
※ NOTE: INSTALLATION HOLE DIAMETER IS 113MM



SPECIFICATIONS

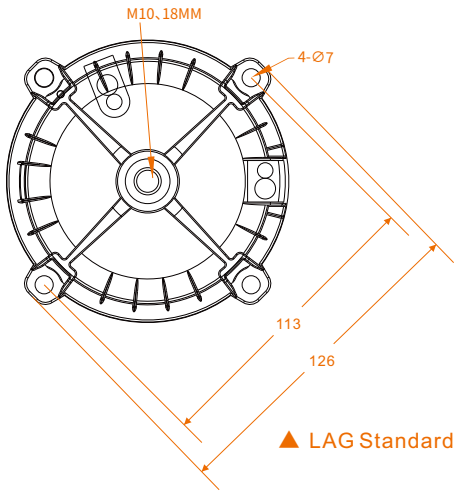
50W / 80W / 100W / 120W / 150W / 200W / 240W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	THD. (Typ)	PF. (Typ)
LAG-50H-450A	50W	200-240V	410-450V	90-130mA	φ126*56mm	<15%	>0.95
LAG-80H-450A	80W	200-240V	410-450V	150-200mA	φ126*56mm	<15%	>0.95
LAG-100H-450A	100W	200-240V	410-450V	200-250mA	φ126*56mm	<15%	>0.95
LAG-120H-450A	120W	200-240V	410-450V	240-300mA	φ126*56mm	<15%	>0.95
LAG-150H-450A	150W	200-240V	410-450V	300-380mA	φ126*56mm	<15%	>0.95
LAG-200H-450A	200W	200-240V	410-450V	400-500mA	φ126*56mm	<15%	>0.95
LAG-240H-450A	240W	200-240V	410-450V	480-600mA	φ126*56mm	<15%	>0.95

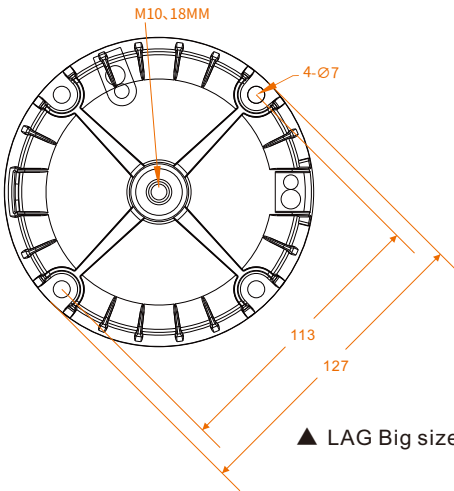
(Specific size is subject to the real product)

* Version				Packing		
Rated power	A-Adjustable potentiometer version	B-Three-in-one dimming version	C-Dimming+12V	Quantity(PCS)	Weight(KG)	Measure(CM)
50W	√	×	×	15	7.0	43*43*13.2
80W	√	×	×	15	7.0	43*43*13.2
100W	√	×	×	15	7.1	43*43*13.2
120W	√	×	×	15	7.1	43*43*13.2
150W	√	×	×	15	7.7	43*43*13.2
200W	√	×	×	15	8.0	43*43*13.2
240W	√	×	×	15	8.0	43*43*13.2

DIMENSION



▲ LAG Standard sized shell



▲ LAG Big size optional

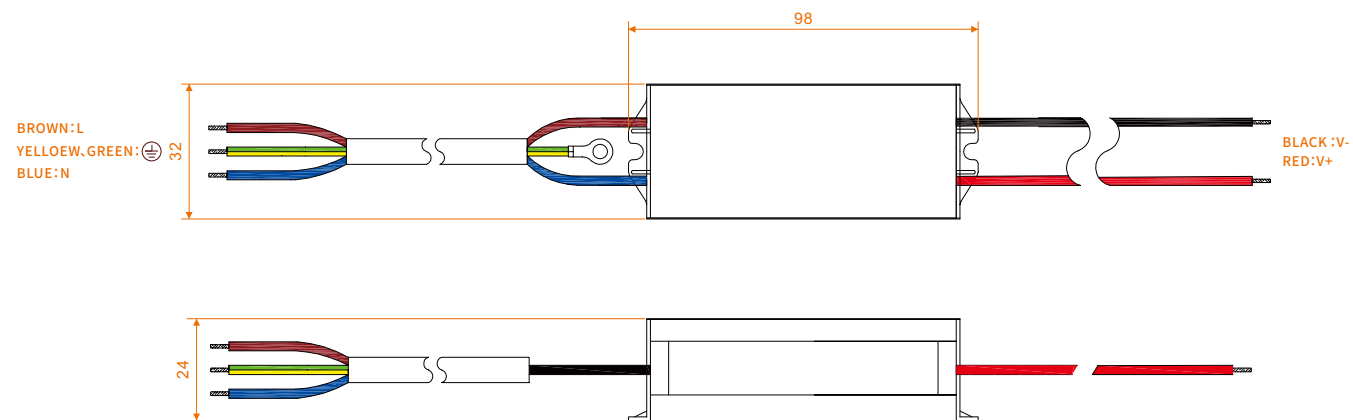


FEATURES

APPLICATION: BUILT-IN LAMPS SUCH AS GARDEN LIGHTS, LAWN LIGHTS, FLOOD LIGHTS, THREE-PROOF LIGHTS, WALL WASHERS, ETC.
INPUT VOLTAGE: 100-265VAC
PROTECTIONS: OUTPUT OCP/SCP/OTP
IP GRADE: IP65
WARRANTY: 3 YEARS



DIMENSION



▲ GSE-24W Dimension

SPECIFICATIONS

5W / 8W / 12W / 18W / 20W / 24W / 30W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	Surge
GSE-5W250-20	5W	100-265V	9-20V	250mA±5%	66*30*20mm	1KV
GSE-5W300-18	5W	100-265V	9-18V	300mA±5%	66*30*20mm	1KV
GSE-8W250-28	8W	100-265V	12-28V	250mA±5%	72*30*20mm	1.5KV
GSE-8W300-28	8W	100-265V	12-28V	300mA±5%	72*30*20mm	1.5KV
GSE-8W350-24	8W	100-265V	12-24V	350mA±5%	72*30*20mm	1.5KV
GSE-8W450-16	8W	100-265V	8-16V	450mA±5%	72*30*20mm	1.5KV
GSE-8W600-14	8W	100-265V	6-14V	600mA±5%	72*30*20mm	1.5KV
GSE-12W250-45	12W	100-265V	21-45V	250mA±5%	72*30*20mm	1.5KV
GSE-12W300-42	12W	100-265V	21-42V	300mA±5%	72*30*20mm	1.5KV
GSE-12W350-40	12W	100-265V	21-40V	350mA±5%	72*30*20mm	1.5KV
GSE-12W450-28	12W	100-265V	11-28V	450mA±5%	72*30*20mm	1.5KV
GSE-12W600-22	12W	100-265V	11-22V	600mA±5%	72*30*20mm	1.5KV
GSE-12W900-14	12W	100-265V	6-14V	900mA±5%	72*30*20mm	1.5KV
GSE-18W250-76	18W	100-265V	34-76V	250mA±5%	90*30*20mm	2KV
GSE-18W300-63	18W	100-265V	34-63V	300mA±5%	90*30*20mm	2KV
GSE-20W450-45	20W	100-265V	20-45V	450mA±5%	90*30*20mm	2KV
GSE-20W500-40	20W	100-265V	20-40V	500mA±5%	90*30*20mm	2KV
GSE-20W600-36	20W	100-265V	20-36V	600mA±5%	90*30*20mm	2KV
GSE-24W250-86	24W	100-265V	52-86V	250mA±5%	98*32*24mm	2KV
GSE-24W300-86	24W	100-265V	52-86V	300mA±5%	98*32*24mm	2KV
GSE-24W350-70	24W	100-265V	40-70V	350mA±5%	98*32*24mm	2KV
GSE-24W500-45	24W	100-265V	21-45V	500mA±5%	98*32*24mm	2KV
GSE-24W600-42	24W	100-265V	21-42V	600mA±5%	98*32*24mm	2KV
GSE-30W750-45	30W	100-265V	20-45V	750mA±5%	98*32*24mm	2KV
GSE-30W900-36	30W	100-265V	20-36V	900mA±5%	98*32*24mm	2KV

(Specific size is subject to the real product)

Packing				Packing			
Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)	Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)
5W	70	5.2	33.5*22*21	20W	70	7.2	33.5*22*21
8W	70	5.2	33.5*22*21	24W	60	8.3	33.5*22*21
12W	70	5.9	33.5*22*21	30W	60	8.3	33.5*22*21
18W	70	7.2	33.5*22*21				



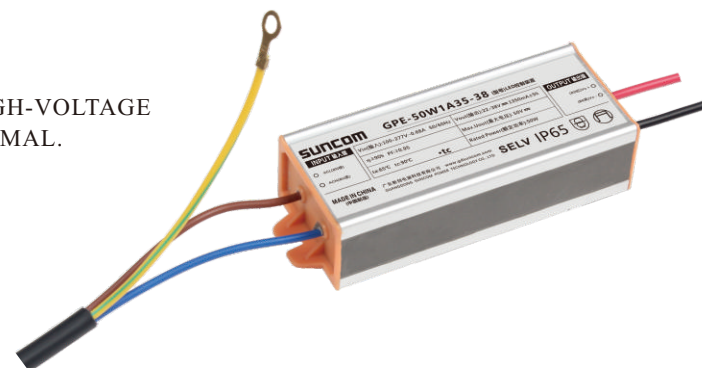
GPE

SERIES

High PF Isolated Semi-Aluminum Waterproof LED Drivers

FEATURES

APPLICATION: BUILT-IN LAMPS SUCH AS GARDEN LIGHTS, LAWN LIGHTS, FLOOD LIGHTS, THREE-PROOF LIGHTS, WALL WASHERS, ETC.
 INPUT VOLTAGE: 100-277VAC
 PROTECTIONS: INPUT OVP, OUTPUT OCP/SCP/OTP
 IP GRADE: IP65
 WARRANTY: 3 YEARS
 ※ GPE-50W INPUT OVP: POWER WILL BE OFF AT 320V HIGH-VOLTAGE AND RESUMES OPERATION AFTER THE VOLTAGE IS NORMAL.



SPECIFICATIONS

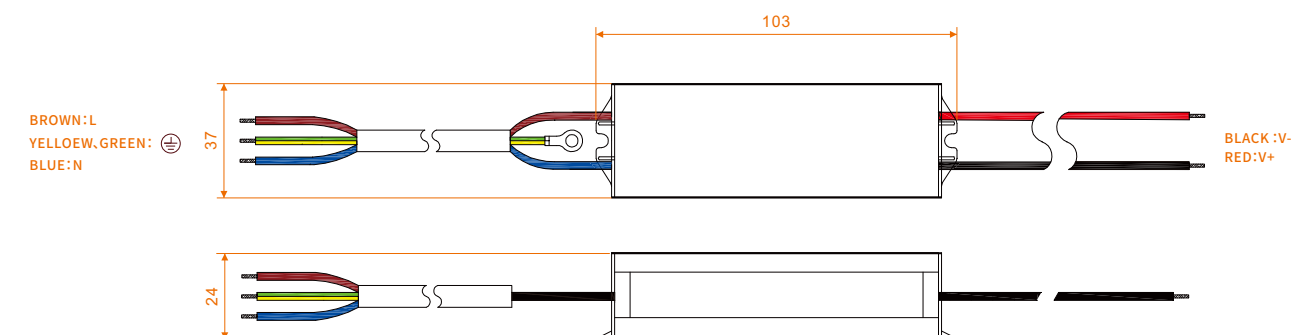
36W / 50W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	Surge	PF. (Typ)
GPE-36W250-122	36W	100-277V	68-122V	250mA±5%	106*32*24mm	4KV	>0.95
GPE-36W300-122	36W	100-277V	68-122V	300mA±5%	106*32*24mm	4KV	>0.95
GPE-36W600-63	36W	100-277V	34-63V	600mA±5%	106*32*24mm	4KV	>0.95
GPE-36W900-42	36W	100-277V	24-42V	900mA±5%	106*32*24mm	4KV	>0.95
GPE-50W600-87	50W	100-277V	54-87V	600mA±5%	103*37*24mm	4KV	>0.95
GPE-50W900-56	50W	100-277V	34-56V	900mA±5%	103*37*24mm	4KV	>0.95
GPE-50W1A2-45	50W	100-277V	23-45V	1200mA±5%	103*37*24mm	4KV	>0.95
GPE-50W1A35-38	50W	100-277V	22-38V	1350mA±5%	103*37*24mm	4KV	>0.95
GPE-50W1A5-38	50W	100-277V	22-38V	1500mA±5%	103*37*24mm	4KV	>0.95
GPE-50I900-56	50W	180-277V	34-56V	900mA±5%	103*37*24mm	4KV	>0.95
GPE-50I1A2-45	50W	180-277V	23-45V	1200mA±5%	103*37*24mm	4KV	>0.95
GPE-50I1A35-38	50W	180-277V	22-38V	1350mA±5%	103*37*24mm	4KV	>0.95
GPE-50I1A5-38	50W	180-277V	22-38V	1500mA±5%	103*37*24mm	4KV	>0.95

(Specific size is subject to the real product)

Packing			
Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)
36W	60	9.1	33.5*22*21
50W	50	8.5	33.5*22*21

DIMENSION



▲ GPE-50W Dimension



GAE

SERIES

High PF Isolated Semi-Aluminum Waterproof LED Drivers

FEATURES

- APPLICATIONS: STREET LIGHT, FLOOD LIGHT, HIGH BAY LIGHT AND OTHER OUTDOOR LIGHTING
- INPUT VOLTAGE: 100-277VAC
- FUNCTIONS: INPUT UVP/OVP, OUTPUT OCP, SCP, OTP
- IP GRADE: IP65
- WARRANTY: 3 YEARS
- ※ GAE INPUT UVP/OVP:
 - ※ POWER WILL BE OFF AT 100V LOW-VOLTAGE AND RESUMES OPERATION AFTER THE VOLTAGE IS NORMAL.
 - ※ POWER WILL BE OFF AT 325V HIGH-VOLTAGE AND RESUMES OPERATION AFTER THE VOLTAGE IS NORMAL.



SPECIFICATIONS

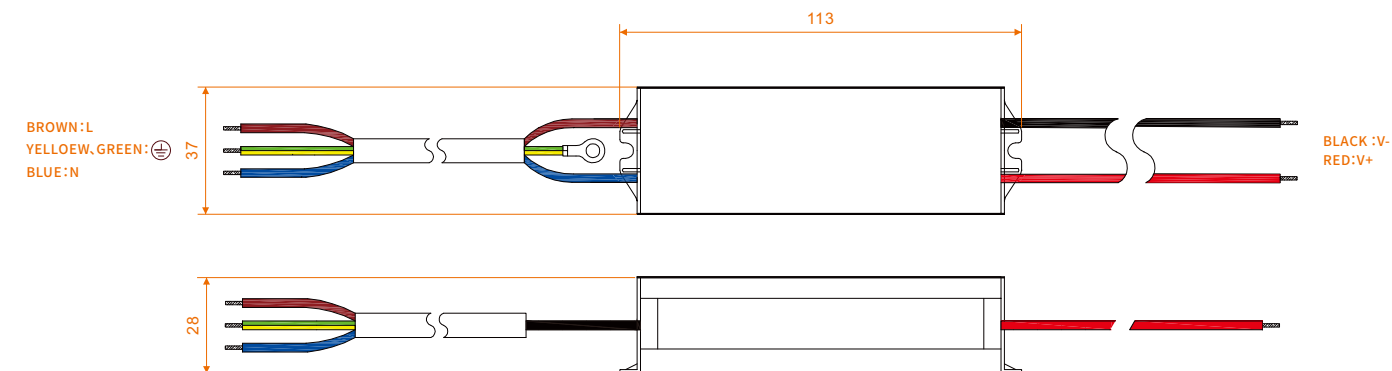
50W / 60W

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Product Size	Surge	PF. (Typ)
GAE-50W600-87	50W	100-277V	54-87V	600mA±5%	113*37*28mm	6KV	>0.95
GAE-50W900-56	50W	100-277V	34-56V	900mA±5%	113*37*28mm	6KV	>0.95
GAE-50W1A2-45	50W	100-277V	23-45V	1200mA±5%	113*37*28mm	6KV	>0.95
GAE-50W1A35-38	50W	100-277V	22-38V	1350mA±5%	113*37*28mm	6KV	>0.95
GAE-50W1A5-38	50W	100-277V	22-38V	1500mA±5%	113*37*28mm	6KV	>0.95
GAE-60W1A8-38	60W	100-277V	22-38V	1800mA±5%	113*37*28mm	6KV	>0.95

(Specific size is subject to the real product)

Packing			
Rated power	Quantity(PCS)	Weight(KG)	Measure(CM)
50W	50	8.7	33.5*22*21
60W	50	8.7	33.5*22*21

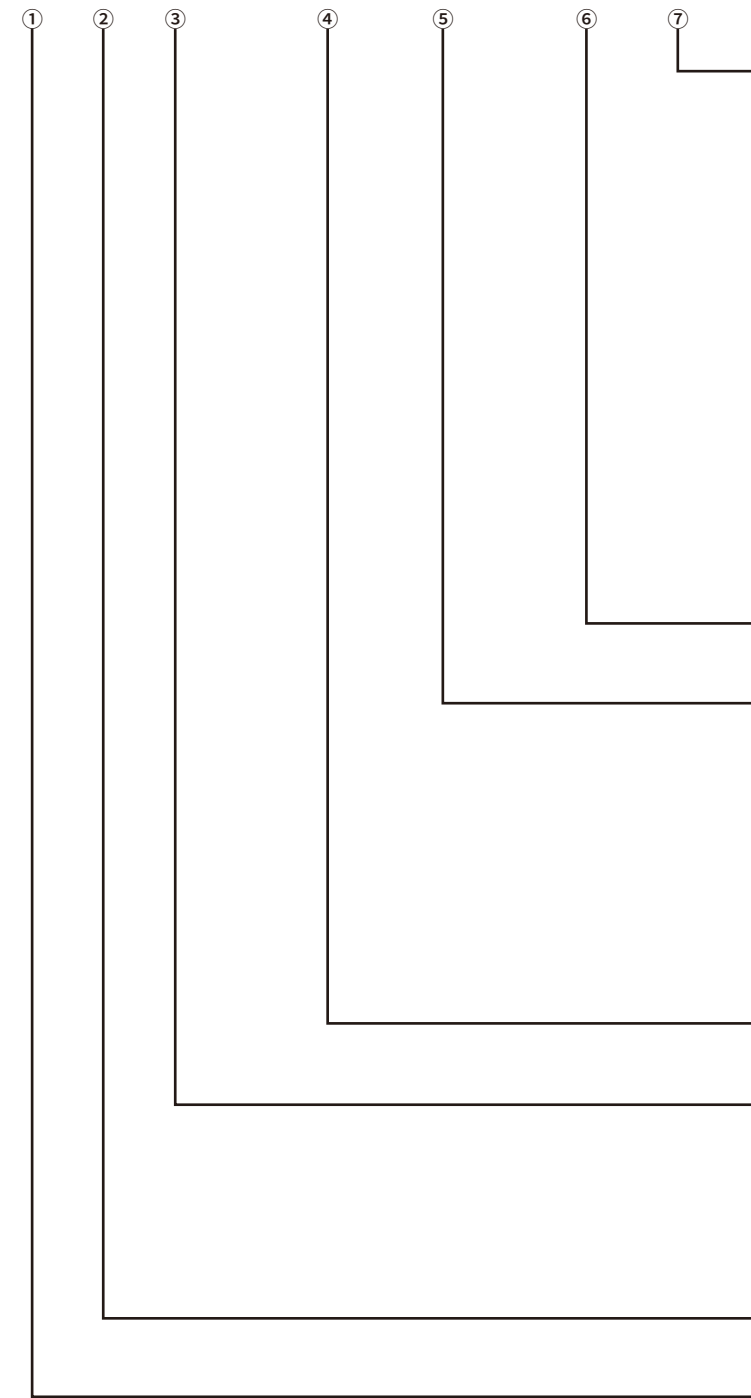
DIMENSION



▲ GAE-50W Dimension

PRODUCT NAMING RULES

H V C - 100 W - 56 A



- Additional Function:**
V: Only Basic Function, Output Current Non-dimmable
A: Adjustable Potentiometer Version
B: Three-in-one Dimming Version
C: Auxiliary Power +Three-in-one Dimming / Off-line Programming Version
D: DALI/DALI 2.0 Dimming
N: NFC Off-line Programming Dimming
J: RJ11/RJ12 Interface + Dimmer Switch
K: Switch for CCT Dimming
W: Wireless Communication Protocol
S: Off-line Programming Dimming
R: RS485 Communication Protocol
T: Outside Temperature Protection
- Max Output Voltage**
- Rated Input Voltage:**
W: Rated 100-277Vac/120-277Vac Wide Voltage Input
H: Rated 180-264/277Vac High Voltage Input
L: Rated 100-120Vac Low Voltage Input
C: Rated 100-347Vac Canada Voltage Input
U: Rated ~480Vac Super High Voltage Input
I: Follow India EESL Standard, 440Vac Voltage Input within 48 Hours No Damage
- Rated Output Power**
- Standard Technical Platform Code:**
C: Isolated Flicker Free
E: Isolated
S: Non-Isolated Flicker Free
G: Non-Isolated
- Naming for Series from A-Z**
- Application Segmentation Market Code:**
H: Outdoor Street / Tunnel Lighting
L: Industrial Lighting
P: Plant Lighting
S: Smart Lighting
G: General Lighting
E: Education Lighting
V: Outdoor Decoration Lighting

GLOBAL MARKETING LAYOUT



▲ Overseas Distributor Network Layout

- Vietnam
- Egypt
- Thailand
- Iran
- Russia
- Brazil
- Indonesia
- Saudi Arabia
- India
- Turkey