

OUTDOOR LED DRIVER PRODUCT CATALOG



2025 V2.0

About XGW

XGW Digital Technology(Shenzhen)Co.,Ltd (Hereinafter as XGW) is a National High-tech Enterprises integrating with R&D, manufacturing, sales, service of premium high wattage LED Driver,Switch Power Supply, Power Adapter. The technical team engineers have prominent working background and experiences in world top enterprises, such as Emerson, ZTE, Delta.With the industry-leading automatic production, testing and aging line, professional R&D, Quality Ensurance System and equipment, and Mainland China,Overseas ManufacturingPlants,XGW qualifies the industry-leading scales and advantages.

With a commitment to develop the most reliable LED driver and Power supply in the industry, XGW take the lead in launching double 95°C Reliability Standard and released a number of intelligent driver such DALI series driver, intelligent emergency driver.

As the official technical partner of Infineon in China LED driver industry, XGW has been committed to developing more reliable and more intelligent LED driver and controller technology.

XGW equips the most advanced, full automated and perfect production line in the LED Driver industry, which including full automatic potting line, aging line, ATE testing line, SMT line, AI line, etc.

Always adhering to the concept of "innovation, intelligence and sustainable development", XGW is committed to providing global customers with efficient and environmentally friendly lighting solutions, helping the world move towards a green and low-carbon future.



Our Advantages

95°C

Industry leading reliability passed 95°C high temperature test and 35% humidity test at full load

DM7KV

The best surge protection in the industry- DM 7KV / CM 20KV

Digital

Excellent capability of digital power supply

10
years

Up to 10 years warranty for drivers.
1023 years warranty for microinverter

DALI-2

Wide range of DALI2 drivers



QUALITY ASSURANCE SYSTEM

1.Ensure quality by scientific design process

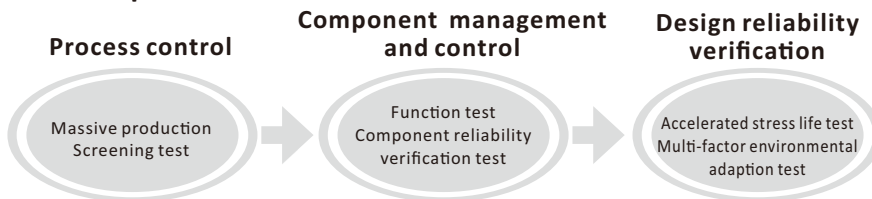
1.1 R&D Verification

Engineering verification test(EVT)	Design verification test(DVT)	Production verification test(PVT)	Ongoing reliability test(ORT)
• Components stress analysis • Temperature rise stress analysis • Early life accelerated test • EMC pre-testing • EVT process review report • Design verification	• Function test • Components electric& thermal stress analysis • Life&MTBF calculation • Electromagnetic compatibility&surge test • 85°C temperature, 85% humidity accelerated life test • Mechanical structure verification • DVT process review report	• Function test • Temperature rise stress analysis • Thermal shock test • 2KH accelerated life test • DMTBF test • IP67 waterproof test • CPK analysis • PVT process review report	• Function test • 168H accelerated life test • EMC&surge test • High Accelerated Stress Screening • CPK management and control

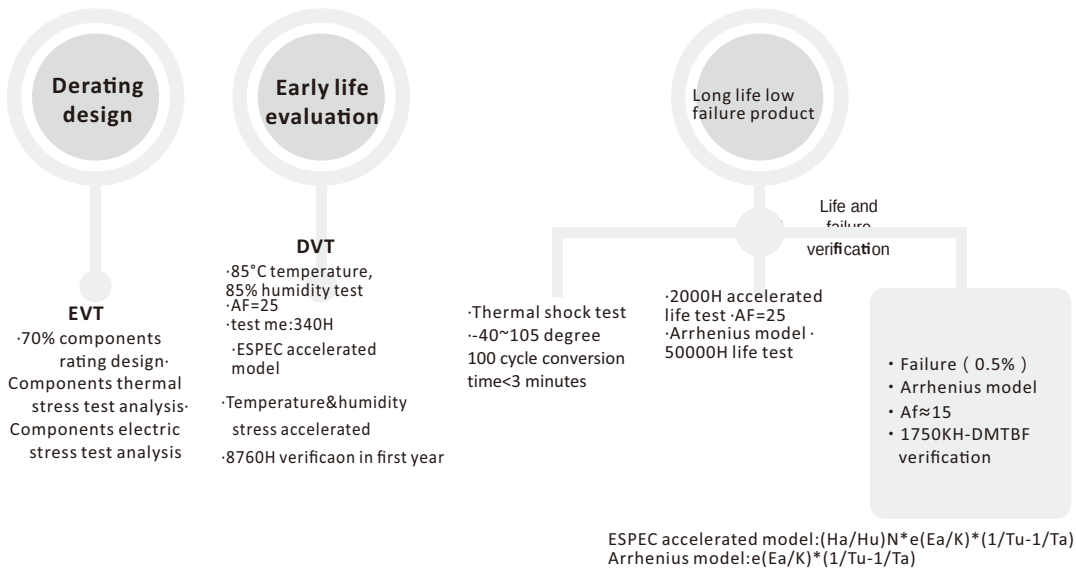
1.2 Verified content

Function test	Stress analysis	Reliability test	EMC
•Output Accuracy efficiency •Power factor harmonic •Standby power dimming •No load power No load •Output ripple voltageOutp •Rise time ut rush •Input voltage change surge	•Voltage stress test and analysis •Current stress test and analysis •Power stress test and analysis •Temperature rise stress test and analysis •Ecap life time calculation •MTBF calculation	•High temperature& humidity cycling test •High&low temperature cycling test •ON/OFF Test(20000 times); •IP67 waterproof test •Temperature Limit Test; •Thermal Shock Test; •High Accelerated Life Test(HALT); •High Accelerated Stress Screening(HASS); •DMTBF test •Mechanical verification test	•Radiation •Conduction •Surge •Static electricity •Ring wave •EFT •ESD •Safety compatibility

1.3 New product verification



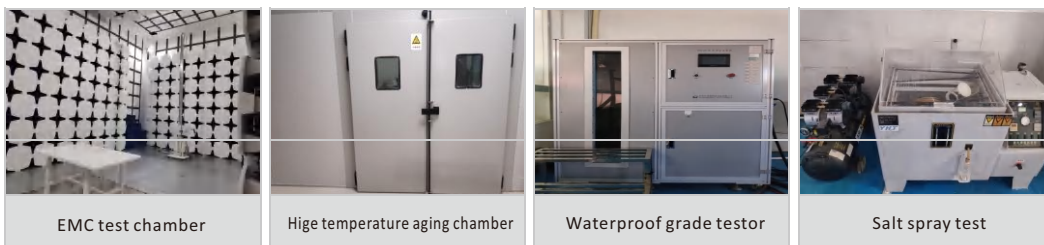
1.4 Life and failure verification



1.5 Self-owned high-end test system



1.6 Third party test

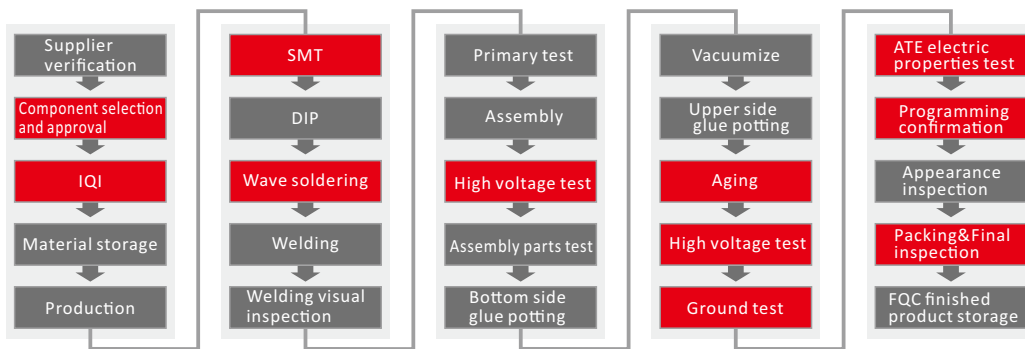


2.Ensure quality by component selection

Plan	Advanced plan and Identify requirement	• Convert market(customer) needs into product specification • Convert product specification into component specification • Convert component specification into brand and parameter
Select	Brand selection and Section matching	• Core components-international .brand • Key componnets-Taiwan&China famous brand • Circuit analogy, components selecting
Verify	Test and ultimate verification	• PCBA&Finished product test: compatibility, life, charge and discharge, current resistance, withstand voltage, surge, 85/85 temperature & humidity test , 95/95 temperature & humidity test , high and low temperature storage, thermal shock, soldering resistance, corrosion resistance, salt spray, flame retardant, vibration, hundred grid test the packing and shipping • Customer extreme application • Approval&Sample sealing&Standardization
Apply	Ongoing tracking	• 100% IQI • Ongoing tracking, focus on failure rate, statistical analysis, improve timely • Regular reliability test, risk pre-alert

3.Ensure quality by strict manufacturing process management 3.1 Standard

manufacturing process, strict QC/QE/PE on-site monitoring



3.3 Stable process capability+Aging validation screening+Full inspection

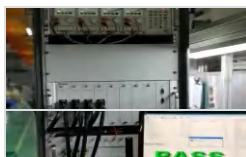


Intelligent aging cabinet



Aging process display and statics

- 100% aging verification
- High temperature aging, temperature control 50±5°C
- 4H full load aging
- Man-machine communication, Statistical Analysis



Chroma test system

- 100% finished product test
- ATS test
- CPK 1.33
- Bar code tracking

3.2 Top Equipment, Guaranteed technological quality

GKG



Solder Paste Printer
Accuracy: $\pm 0.025\text{mm}$
Speed: 10s
PCB size: 410*300mm

Panasonic



SMT
Accuracy: $\pm 10\mu\text{m}$
Speed: 60000cph
PCB size: 510*300mm



Reflow soldering
Heating up: 10
down: 10
Maximum temperature: 400 °C



Wave soldering
PCB size: 488*368mm
Plate height : 750 $\pm$ 20mm

MENTO



AOI
Accuracy: 10 μm
Speed: 120 HP/SEC
PCB size: 488*368mm

SAMSUNG



SMT
Accuracy: $\pm 28\mu\text{m}$
Speed: 47000cph
PCB size: 560*450mm

MCM Series

3 in 1 dimming programmable led driver for street light/urban light/flood light

Warranty: 5 years

Ingress protection rating: IP67

Power range:25W/50W/75W/105W/150W/200W/240W/320W/600W

All-around protection: output SCP, OVP, OTP

Surge protection: DM SKV, CM IOKV

0-5V /0-10V /PWM/timer dimming, optional reverse dimming, Dim-to-off, CLC,

Work log function

Off-line programmable

Isolated constant power design

Auxiliary output: 12V/0.2A;



Model	Rate power	Output Voltage	Output current range	Full power OutputCurrent range	Efficiency @220V	PF@ 220V	Dimmension
MCM-075-058P	75W	32-58V	0.19-1.88A	1.29-1.88A	89.5%	0.97	119.1*66.2*36.8mm
MCM-075-108P	75W	54~108V	0.11-1.05A	0.70~1.05A	90.0%	0.97	119.1*66.2*36.8mm
MCM-105-058P	105W	32-58V	0.29-2.85A	1.72-2.85A	91.0%	0.97	129*66.2*36.8mm
MCM-105-143P	105W	80~143V	0.70-1.05A	0.11-1.05A	91.0%	0.97	129*66.2*36.8mm
MCM-150-058P	150W	32-58V	0.366-5.4A	3.66-5.40A	91.0%	0.97	154*66.2*36.8mm
MCM-150-143P	150W	80~143V	0.38-3.75A	2.59-3.75A	92.0%	0.97	154*66.2*36.8mm
MCM-150-214P	150W	107-214V	0.07-1.05	0.70-1.05A	92.0%	0.97	154*66.2*36.8mm
MCM-200-058P	200W	32-58V	3.45-5.00A	0.50-5.00A	92.0%	0.97	174*66.2*36.8mm
MCM-200-286P	200W	143~286V	0.07-1.05A	0.70-1.05	92.0%	0.97	174*66.2*36.8mm
MCM-240-058P	240W	32-58V	0.60-6.00A	4.14-6.00A	92.0%	0.97	194*66.2*38.8mm
MCM-240-343P	240W	171~343V	0.07-1.05	0.70~1.05	93.5%	0.97	194*66.2*38.8mm

MCA(B) Series

3 in 1 dimming programmable led driver for street light/urban light/flood light

MCA series is Class I and MCB is ClassII

Warranty: 5 years

Ingress protection rating: IP67

Power range:25W/50W/75W/105W/150W/200W/240W/320W/600W

All-around protection: output SCP, OVP, OTP

Surge protection: DM SKV, CM IOKV

0-5V /0-10V /PWM/timer dimming, optional reverse dimming, Dim-to-off, CLO,

Off-line programmable

Isolated constant power design

Input Voltage:90-305Vac

Application:

Street light

Flood light

Urban light



Model	Rate power	Output Voltage	Output current range	Full power OutputCurrent range	Efficiency @220V	PF@ 220V	Dimmension (mm)
MCA(B)-025E-041P	25W	20-41	0.08-0.84	0.5-0.84	87.0%	0.97	130*55*40
MCA(B)-050E-041P	50W	20-41	0.67-1.67	1.22-1.67	87.5%	0.97	130*55*40
MCA(B)-050E-062P	50W	38-62	0.5-1.25	0.81-1.25	88.5%	0.97	130*55*40
MCA(B)-050E-100P	50W	50-100	0.31-0.78	0.50-0.78	89.0%	0.97	130*55*40
MCA(B)-075-041P	75W	20~41	0.18-2.67	1.83~2.67	88.0%	0.97	128.6*68*37
MCA(B)-075-062P	75W	38~62	0.18-1.88	1.21-1.88	89.0%	0.97	128.6*68*37
MCA(B)-075-108P	75W	54~108	0.07-1.05	0.70~1.05	90.0%	0.97	128.6*68*37
MCA(B)-105-041P	105W	20~41	0.26-3.5	2.56~3.50	90.0%	0.97	153.6*68*37
MCA(B)-105-062P	105W	38~62	0.17-2.5	1.69~2.50	91.0%	0.97	153.6*68*37
MCA(B)-105-100P	105W	50~100	0.11-1.4	1.05~1.40	91.0%	0.97	153.6*68*37
MCA(B)-105-150P	105W	75~150	0.07-1.05	0.70~1.05	92.0%	0.97	153.6*68*37

MCA(B) Series



3 in 1 dimming programmable led driver for street light/urban light/flood light

MCA series is Class I and MCB is ClassII



Model	Rate power	Output Voltage	Output current range	Full power OutputCurrent range	Efficiency @220V	PF@ 220V	Dimmension (mm)
MCA(B)-150-041P	150W	20~41	0.366-5.4	3.66-5.40	91.0%	0.97	173.6*68*37
MCA(B)-150-062P	150W	38~62	0.24-3.6	2.42-3.60	91.0%	0.97	173.6*68*37
MCA(B)-150-108P	150W	54~108	0.14-2.1	1.40~2.1	91.0%	0.97	173.6*68*37
MCA(B)-150-143P	150W	80~143	0.11-1.5	1.05-1.50	92.0%	0.97	173.6*68*37
MCA(B)-150-214P	150W	107-214	0.07-1.05	0.70-1.05	92.0%	0.97	173.6*68*37
MCA(B)-200-041P	200W	20~41	0.488-6.67	4.88~6.67	92.0%	0.97	193.6*68*39
MCA(B)-200-062P	200W	38~62	0.323-5.00	3.23~5.00	92.0%	0.97	193.6*68*39
MCA(B)-200-096P	200W	48~96	0.21-3.00	2.10-3.00	92.5%	0.97	193.6*68*39
MCA(B)-200-143P	200W	70-143	0.14-2.1	1.40~2.1	93.0%	0.97	193.6*68*39
MCA(B)-200-191P	200W	96~191	0.11-1.4	1.05-1.40	93.0%	0.97	193.6*68*39
MCA(B)-200-286P	200W	143~286	0.07-1.05	0.70-1.05	92.0%	0.97	193.6*68*39
MCA(B)-240-041P	240W	20~41	0.586-7.5	5.86-7.5	92.0%	0.97	208.6*68*39
MCA(B)-240-062P	240W	38~62	0.388-5.71	3.88~5.71	92.0%	0.97	208.6*68*39
MCA(B)-240-171P	240W	85~171	0.14-2.1	1.4~2.1	93.0%	0.97	208.6*68*39
MCA(B)-240-229P	240W	114~229	0.11-1.5	1.05~1.50	93.0%	0.97	208.6*68*39
MCA(B)-240-343P	240W	171~343	0.07-1.05	0.70~1.05	93.5%	0.97	208.6*68*39
MCA(B)-320-041P	320	20~41	0.78-10	7.8~10.00	92.0%	0.97	232*98*42
MCA(B)-320-062P	320	38~62	0.52-7.5	5.20-7.5	93.0%	0.97	232*98*42
MCA(B)-320-143P	320	72~143	0.224-3.2	2.24-3.20	93.0%	0.97	232*98*42
MCA(B)-320-230P	320	115-230	0.14-2.1	1.39~2.1	92.0%	0.97	232*98*42
MCA(B)-320-457P	320W	228~457	0.07-1.05	0.70~1.05	93.0%	0.97	232*98*42
MCA(B)-600-062P	600	24-62	1.00-13.00	10.00-13.00	94.5%	0.97	274*142*48.5
MCA(B)-600-152P	600	61-152	0.4-5.25	3.95-5.25	94.5%	0.97	274*142*48.5

MCF(G) SERIES

IP67 DALI 2.0 LED Driver for street light/Flood light/Urban light
MCF is Class I and MCG is Class II model

- 1.Power Range:42W/60W/75W/105W/120W/150W/200W/240W/320W/400W/480W
- 2.Output: 20-62Vdc or 0.7A-1.4A (programmable)
- 3.Aluminum case, IP67
- 4.Reliability Test: Passed 95 ° C temperature, 95% humidity test at full load
- 5.ERP, DM-5KV/CM-10KV(Surge)
- 6.DALI 2.0



Optional Function

- 1.Programable & 3 in 1 dimming
 - 2.Self-adapting Midnight dimming, LED Lumen Compensation (LLC),Configure NTC Protection
- 3.12V, 200mA driver are available

Application

- 1.Roadway lighting
- 2.Tunnel light
- 3.Flood light

Model	Rate power	Output Voltage	Output current range	Efficiency @ 220V	PF@220V	Dimmension
MCF(G)-042-062	42W	38-62V	0.1-1.05A	89.5%	0.97	130*55*35mm
MCF(G)-060-062	60W	38-62V	0.12-1.2A	90.0%	0.97	134*66.2*36.8mm
MCF(G)-105-062	105W	38-62V	0.25-2.5A	91.0%	0.97	164*66.2*36.8mm
MCF(G)-120-062	120W	38-62V	0.25-2.5A	91.0%	0.97	164*66.2*36.8mm
MCF(G)-150-062	150W	38-62V	0.36-3.6A	91.0%	0.97	187.5*66.2*36.8mm
MCF(G)-200-062	200W	38-62V	0.5-5.0A	92.0%	0.97	209*66.2*38.5mm
MCF(G)-320-062	320W	38-62V	0.75-7.5A	92.0%	0.97	233.2*78.7*40.3mm
MCF(G)-400-062	400W	38-62V	0.75-7.5A	92.0%	0.97	233.2*78.7*40.3mm
MCF(G)-480-062	480W	38-62V	1.12-11.2A	92.0%	0.97	262*125*45.5mm

MCH SERIES

NFC Programmable LED Driver 680W-1500W for Horticulture light

- ▶ Input voltage: 180 ~ 528Vac;
- ▶ Isolated constant power design;
- ▶ 3-in-1 dimmable: 0-10V/1-10V/PWM/knob dimming (Dim-to-of optional), Timers dimming;
- Reverse dimming optional;
- No glow after Dim-to-of;
- ▶ 3 Timers dimming: Timing; Virtual Midnight; Self-Adaptive;
- ▶ Output and Dimming Signal Isolating;
- ▶ Output Current(AOC) with NFC
- ▶ Auxiliary output: 12V/0.2A;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ Protections: hot plug operation (optional), output SCP / OVP / OTP;
- ▶ Ingress protection rating: IP67;
- ▶ 5 years warranty.

Application

Sports light

Horticulture light



Model	Rate power	Input Voltage	Output Voltage	Adjustable Output current range	Full power current range	Eff.@220V	Dimmension
MCH-680-200	680W	180-528V	150-500V	0.0136-2A	1.36-2A	97%	245*76.5*38.5mm
MCH-880-200	880W	180-528V	150-500V	0.0176-2.7A	1.76-2.7A	97.5%	256*90*43.5mm
MCH-1200-350	1200W	180-528V	150-500V	0.024-3.5A	2.4-3.5A	97.5%	253*108*44.5mm
MCH-1500-480	1500W	180-528V	150-500V	0.03-4.8A	3-4.8A	97.5%	288*108*48.5mm

S6 SERIES

DALI2.0/DMX512 Programmable LED Driver 680W-1500W for

Input voltage range: 198~440Vac;
Non-isolated constant current design; 2/3 channels
independent output;
DMX512/DALI-2 Combine (Software Switchable);
DMX512 supports RDM control mode & controller address setting;
Dim-to-off; No glow after Dim-to-off;
Ultra low ripple: <2%;
Inrush current: <35A@400Vac;
PF>0.97@100% load;
THD<10%@100% load;
Surge protection: 10KV line-line, 10KV line-earth;
Protections: input UVP, output SCP / OVP / OTP;
Ingress protection rating: IP66, IK08;
5 years warranty.



Application

Stadium Lighting

Model	Rate power	Input Voltage	Output Voltage	Full power current range	Eff.@220V	Type PF	Dimmension
S6-1K2D(R)500	1200W	198-400V	260-500V	(1.2-1.8A)*2	97%	0.97	500*150*81mm
S6-1K5D(R)500	1500W	198-400V	260-500V	(1.0-1.4A)*2	97.5%	0.97	500*150*81mm
S6-1K8D(R)500	1800W	198-400V	260-500V	(1.2-1.8A)*2	97.5%	0.97	500*150*81mm

MCH SERIES

DALI2.0/DMX512 Programmable LED Driver 680W-1500W for Stadium light

Input voltage range: 198~528Vac;
Non-Isolated constant power design; 4 channels independent output;
DMX512&DALI-2 DT8 Combine (Software Switchable);
DMX512 supports RDM control mode & controller address setting;
DMX512: flashing function with maximum of 44 flashes per second;
DALI-2 DT8 supports color & color temperature control (RGBW/Tunable White) via single-address multi-channel integration;
Dim-to-of; No glow after Dim-to-of;
Max remote distance 300 meters;
Ultra low ripple: <2%;
Inrush current: <35A@400Vac;
Efficiency up to 97%; PF>0.97@100% load; THD<10%@100% load;
Surge protection: 10KV line-line, 10KV line-earth;
Protections: input UVP, output SCP / OVP / OPP / OTP;
Ingress protection rating: IP66, IK08;
5 years warranty.



Application

Stadium Lighting

Model	Max power	Input Voltage	Channel	Output Voltage range	Full power Output current range(A)	Efficiency	Type PF	Dimmension
S6-880D(R)428	220W	198-528V	1	132-350V	0.62-1.66A	97%	0.97	500*150*81mm
	220W		2	165-428V	0.51-1.33A			
	220W		3	165-428V	0.51-1.33A			
	220W		4	165-428V	0.51-1.33A			
S6-1K2D(R)428	300W	198-528V	1	132-350V	0.86-2.27A	97%	0.97	500*150*81mm
	300W		2	165-428V	0.7-1.82A			
	300W		3	165-428V	0.7-1.82A			
	300W		4	165-428V	0.7-1.82A			
S6-1K6D(R)428	400W	198-528V	1	132-350V	1.15-3A	97%	0.97	500*150*81mm
	400W		2	165-428V	0.94-2.2A			
	400W		3	165-428V	0.94-2.2A			
	400W		4	165-428V	0.94-2.2A			

MCI(J) SERIES

3 in 1 dimming LED Driver for street light/flood light/Explosion proof light

MCI is Class I and MCJ is Class J

- 1.Power range:75W/100W/150W/200W/220W/240W/250W/320W
- 2.220-240Vac
- 3.Output: 0.7A-1.4A Pre-design (Standard Specification:0.7A,1.05A)
- 4.on&off and 3 in 1 dimming models for optional
- 4.Ripple Current<10%
- 5.Aluminum Case, IP65
- 6.Reliability Test : Passed 85 ° C temperature, 85% humidity (Double 85) Test Standard
- 7.Others : DM-5KV/CM-10KV (Surge)

Application

- 1.Roadway lighting
- 2.Highway lighting
- 3.Industrial lighting



Model	Rate power	Output Voltage	Output current range	Efficiency @ 220V	PF@220V	Dimmension
MCI(J)-075-041D	75W	20-41V	1.6-2.67A	89.5%	0.97	129*62.2*38.5mm
MCI(J)-075-062D	75W	38-62V	1.13-1.88A	89.5%	0.97	129*62.2*38.5mm
MCI(J)-075-108D	75W	54~108V	0.63-1.05A	89.5%	0.97	129*62.2*38.5mm
MCI(J)-100-143D	105W	80~143V	0.525-1.05A	91.0%	0.97	129*62.2*38.5mm
MCI(J)-150-110E	150W	60-110V	0.85-1.4A	91.0%	0.97	157*62.2*38.5mm
MCI(J)-150-144E	150W	80~144V	0.7-1.1A	92.0%	0.97	157*62.2*38.5mm
MCI(J)-150-216E	150W	107-216V	0.43-0.75A	92.0%	0.97	157*62.2*38.5mm
MCI(J)-200-192E	200W	96-192V	0.8-1.4A	92.0%	0.97	197*62.2*38.5mm
MCI(J)-200-288E	200W	143~288V	0.5-1.05A	92.0%	0.97	197*62.2*38.5mm
MCI(J)-240-229E	240W	114-229V	0.9-1.5A	92.0%	0.97	212*62.2*38.5mm
MCI(J)-240-343E	240W	171~343V	0.63-1.05A	93.5%	0.97	212*62.2*38.5mm
MCI(J)-320-230P	320W	115-230	0.14-2.1	92.0%	0.97	233.2*78.7*40.3mm
MCI(J)-320-457P	320W	228~457	0.07-1.05	93.0%	0.97	233.2*78.7*40.3mm

DALI-2&D4i Intelligent LED Driver

- ▶ Input voltage: 176 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ External NTC;
- ▶ DALI-2&D4i, Support Part 150 (Auxiliary power supply), Part 250 (Integrated Power Supply), Part 251 (Luminaire data), 252 (Energy data), 253 (Diagnostics data);
- ▶ 3 Timers dimming: Timing; Virtual Midnight; Self-Adaptive;
- ▶ AC dimming;
- ▶ Output and Dimming Signal Isolating;

NFC programmable;

- ▶ Auxiliary output: 24V/0.125A, built-in 16V bus power supply;
- ▶ Applicable lamps: Class I & Class II;
- ▶ Surge protection: DM 6KV, CM 10KV (Class I);
- ▶ Protections: input UVP, output SCP / OVP / OTP;
- ▶ High lifetime: 50K hours ~ 100K hours;
- ▶ Ingress protection rating: IP20;
- ▶ 5-7 years warranty.

Application

Road Lighting,
Urban Public Lighting
Street light
Flood light



Model	Rate power	Input Voltage	Output Voltage	Output Current	Efficiency	PF (230V)	Dimmension
PCE-025-036L	25W	176-305V	12-36V	0.7-1.05A	87%	0.95	133*77*40mm
PCE-040-036L	40W	176-305V	19-57V	0.7-1.05A	89.5%	0.95	133*77*40mm
PCE-060-086L	60W	176-305V	36-86V	0.7-1.05A	89.0%	0.95	133*77*40mm
PCE-080-114L	80W	176-305V	38-114V	0.7-1.05A	92.5%	0.95	133*77*40mm
PCE-120-171L	120W	176-305V	57-171V	0.7-1.05A	93.0%	0.95	133*77*40mm
PCE-165-236L	165W	176-305V	79-236V	0.7-1.05A	94.0%	0.95	171*101*41mm
PCE-200-286L	200W	176-305V	143-286V	0.7-1.05A	94.0%	0.95	171*101*41mm

XFC Serial

non-isolated led driver for Linear high bay

Power Range : 100W/150W/200W/240W

Output: 0.4A-1.05A

Die-casting Housing

Reliability Test : Passed 85°C temperature, 85% humidity test at full load

DM-4KV/CM-6KV (Surge)

Eff. up to 96%

Input voltage: 90 ~ 305Vac;

Flicker-free, non-isolation design;

3 in 1 diming ,12V aux power optional

DALI 2.0/D4i for optional

Potentiometer adjustment;

PF: >0.96;THD<10%;

IP65

 XGW Tech



Application:Industrial lighting recommend CB HV test >4KV

	Model	Rate power	Input Voltage	Output Voltage	Output current	Efficiency	PF (230V)	Dimension
100W	XFC-100-150XY	100	100-277V	100-150V	0.085-0.85A	95%	0.95	154*66.2*36.8mm
	XFC-100C-260XY	100	100-277V	180-260V	0.05-0.5A	95%	0.95	164*66.2*36.8mm
150W	XFC-150-150XY	150	100-277V	100-150V	0.125-1.25A	95%	0.95	154*66.2*36.8mm
	XFC-150C-260XY	150	100-277V	180-260V	0.075-0.75A	95%	0.95	164*66.2*36.8mm
200W	XFC-200-150XY	200	100-277V	100-150V	0.15-1.5A	95%	0.95	154*66.2*36.8mm
	XFC-200C-260XY	200	100-277V	180-260V	0.1-1.0A	95%	0.95	164*66.2*36.8mm
240W	XFC-240C-260XY	240	100-277V	180-260V	0.12-1.20A	95%	0.95	164*66.2*36.8mm

XMH SERIES
 non-isolated LED Driver for UFO high bay
 100-240W

Power Range : 100W/150W/200W/240W
 Output: 0.38A-1.2A
 Die-casting Housing
 CCT wattage switchable
 Reliability Test : Passed 85°C temperature, 85% humidity test at full load
 DM-4KV/CM-6KV (Surge)
 Eff. up to 96%
 Input voltage: 90 ~ 305Vac;
 Flicker-free, non-isolation design;
 3 in 1 diming ,12V aux power optional
 DALI 2.0/D4i for optional
 Potentiometer adjustment;PF: >0.96;THD<10%;
 IP65



Application:Industrial lighting recommend CB HV test >4KV

Model Number [1]	Max Output Power (W)	Output Voltage Range (Vdc)	Output Current adjustable Range(A)	FullPower Current Adjustable Range(A)[2]	CCT Range	Typical Eff	Power Factor	
							120Vac	230Vac
XMH-096Y260	96	180-260	0.045-0.450	0.370-0.450	CC-CW-WW	94%	0.99	0.96
XMH-120Y260	120	180-260	0.056-0.560	0.460-0.560	CC-CW-WW	94%	0.99	0.96
XMH-160Y260	160	180-260	0.074-0.74	0.615-0.74	CC-CW-WW	95%	0.99	0.96
XMH-200Y260	200	180-260	0.093-0.930	0.770-0.930	CC-CW-WW	95%	0.99	0.96
XMH-240Y260	240	180-260	0.11-1.10	0.92-1.10	CC-CW-WW	95%	0.99	0.96

Input voltage: 90 ~ 305Vac;
Flicker-free, non-isolation design;
3 in 1 diming
12V aux power optional
Potentiometer adjustment;PF: >0.96;THD<10%;0-10V/
PWM/resistance dimming;
Surge protection: DM 6KV, CM 10KV;
Application:industrial lighting



Suggest insulation level of the lamp aluminum base board's circuit to ground should be> 4KV.
All-around protection: SCP, OVP, OTP;
Water protection rating: IP67;
Warranty: 5 years

	Model	Rate power	Input Voltage	OutputVoltage	OutputCurrent	Efficiency	PF(230V)	Dimmension
80W	MFG-080-260XY	80	100-277V	180-260V	0.04-0.4A	96%	0.95	154*48*34.1mm
100W	MFG-100-260XY	100	100-277V	180-260V	0.05-0.5A	96%	0.95	154*48*34.1mm
150W	MFG-150-260XY	150	100-277V	180-260V	0.075-0.75A	96%	0.95	154*48*34.1mm
200W	MFG-200-260XY	200	100-277V	180-260V	0.1-1.00A	96%	0.95	204*48*34.1mm
240W	MFG-240-260XY	240	100-277V	180-260V	0.12-1.20A	96%	0.95	204*48*34.1mm
320W	MFG-320-260XY	320	100-277V	180-260V	0.16-1.60A	96%	0.95	224*48*34.1mm

EM serial

Emergency LED Driver for UFO high bay

 XGW Tech

► Input voltage: 100 ~ 277Vac;
► output voltage:100-260VDC
constant power design;
LiFePO4 Battery
30-180 mins for optional
Charging and dis-charging protection function :over heat temp.protection
SCP, OVP, OCP;
Ingress protection rating: IP65 ;
Warranty: 5 years.



Model	Emergency Power	Input Voltage	Emergency Output Voltage	Emergency Output current	Duration	Battery Capacity
EM1515-100260	15W	100-277V	100-260V	15-300mA	1.5 hours	2.6Ah-11.1V
EM2015-100260	20W	100-277V	100-260V	15-300mA	1.5 hours	4.4Ah-11.1V
EM3015-100260	30W	100-277V	100-260V	15-300mA	1.5 hours	6Ah-9.6V
EM4015-100260	40W	100-277V	100-260V	15-300mA	1.5 hours	7.5Ah-11.1V

Emergency LED Driver for UFO high bay

- ▶ Input voltage: 100 ~ 277Vac;
- ▶ output voltage:100-260VDC
- constant power design;
- LiFePO4 Battery
- 30-180 mins for optional
- Charging and dis-charging protection function :over heat temp.protection
- SCP, OVP, OCP;
- Ingress protection rating: IP65 ;
- Warranty: 5 years.



Model	Emergency Power	Input Voltage	Emergency Output Voltage	Emergency Output current	Duration	Battery Capacity
EML1503-100260	15W	100-277V	100-260V	15-300mA	3hours	6Ah-9.6V
EML2002-100260	20W	100-277V	100-260V	15-300mA	2 hours	6Ah-9.6V
EML3015-100260	30W	100-277V	100-260V	15-300mA	1.5 hours	6Ah-9.6V
EML1503-2085	15W	100-277V	20-85V	15-300mA	3hours	6Ah-9.6V
EML2002-2085	20W	100-277V	20-85V	15-300mA	2 hours	6Ah-9.6V
EML3015-2085	30W	100-277V	20-85V	15-300mA	1.5 hours	6Ah-9.6V

LBV serial Constant Voltage

75W-600W

Input voltage: 176 ~ 264Vac&100-277V for optional;

Isolated constant voltage design;

PF: >0.98;

THD<10%;

Surge protection: DM 6KV, CM 10KV;

All-around protection: input UVP, output SCP, OVP, OPP, OTP;

Ingress protection rating: IP67;

Warranty: 5 years.

on&off /0-10V/Triac/DALI Dimming/DMX512 for optional

Application:

Landscape Lighting,LED Poultry light,UV LED,LED Aquarium Lights



Model	Power (W)	Output voltage	Output current (A)	Typ.Eff.	Typ.PF	Dimension mm
LBV-075V012	75	12V	0~6.25	86.0%	0.97	136*67*37
LBV-075V024	75	24V	0~3.20	88.0%	0.98	136*67*37
LBV-075V036	75	36V	0~2.10	90.0%	0.98	136*67*37
LBV-075V048	75	48V	0~1.60	90.0%	0.98	136*67*37
LBV-100V012	100	12V	0~8.34	89.0%	0.97	148*67*37
LBV-100V024	100	24V	0~4.20	89.0%	0.97	148*67*37
LBV-100V036	100	36V	0~2.80	90.0%	0.97	148*67*37
LBV-150V012	150	12V	0~12.5	92.0%	0.97	163*67*37
LBV-150V024	150	24V	0~6.30	93.0%	0.97	163*67*37
LBV-150V036	150	36V	0~4.17	93.0%	0.97	163*67*37
LBV-150V048	150	48V	0~3.12	93.0%	0.97	163*67*37
LBV-200V012	200	12V	0~16.6A	93.0%	0.98	176*67*37
LBV-200V024	200	24V	0~8.40	93.0%	0.98	176*67*37
LBV-200V036	200	36V	0~5.60	93.0%	0.98	176*67*37
LBV-200V048	200	48V	0~4.17	93.0%	0.97	176*67*37
LBV-240V024	240	12V	0~20.00	93.0%	0.98	194*67*37
LBV-240V024	240	24V	0~10.00	93.0%	0.98	194*67*37
LBV-240V036	240	36V	0~6.70	93.0%	0.98	194*67*37
LBV-320V012	320	12V	0~26.70	92.0%	0.98	225*97*42
LBV-320V024	320	24V	0~13.40	93.0%	0.97	225*97*42
LBV-320V036	320	36V	0~8.90	94.0%	0.98	225*97*42
LBV-320V048	320	48V	0~6.70	93.5%	0.97	225*97*42
LBV-350V024	350	24V	0~14.60	93.0%	0.98	225*97*42
LBV-350V036	350	36V	0~9.80	93.0%	0.98	225*97*42
LBV-350V048	350	48V	0~7.30	93.5%	0.98	225*97*42
LBV-600V024	600	24V	0~250	93.0%	0.98	240*97*42
LBV-400V048	600	48V	0~12.5	93.0%	0.98	240*97*42
LBV-400V024	600	24V	0~250	93.0%	0.98	276*144*47.5
LBV-600V048	600	48V	0~12.5	93.0%	0.98	276*144*47.5