



LED DRIVER PRODUCT CATALOGUE

2022 V2.0

ABOUT MOSO

Established in 2009, MOSO Electronics Corp. is a national high-tech enterprise affiliated to the listed company MOSO Power Technology Co., Ltd. (stock code: 002660). The major business of the company is outdoor high-power LED driver power supply, which covers Road Lighting LED Driver, Horticulture Lighting LED Driver, High Power Lighting LED Driver, Industrial Lighting LED Driver, Landscape Lighting LED Driver, Transportation and Railway Lighting LED Driver.

The company has industry-leading R&D capabilities and know-how with more than 200 patents. The R&D center was rated as "Shenzhen Municipal Technology Center" by Shenzhen Economic and Information Commission in 2011. In 2020, it was listed among the top 100 industry leaders in Shenzhen. In past three years, it has successively passed the accreditation of "Guangdong Province LED Smart Lighting Driver Power Engineering Technology Research Center" and "Guangdong Province Standardized High-power LED Driver Power Engineering Technology Research Center". The company has participated in the formulation, revision and review of more than 60 national standards, industry standards, local standards and team standards.

The headquarters of MOSO is located in Shenzhen, and its production bases are located in two cities ---- Shenzhen and Huizhou. The company has set up offices in Europe, North America, South America, the Middle East, Russia, Southeast Asia, Shanghai, Beijing, Xiamen, Zhongshan and other places. It has established an independent marketing and service network covering the world, and its products are sold to more than 100 countries and regions around the world. In addition, it has established cooperative relations with many well-known international and domestic brands, such as OSRAM, Alder, Fluence, Signify, LEDVANCE, HPWINNER, Unilumin, Oceans King, Huati, etc. The company's products enjoy high brand reputation both in China and abroad.

Adhering to the development concept of " Technology Innovation and Product Supremacy", MOSO is committed to the development of efficient, reliable and intelligent LED driver power supply, and continues to drive the enterprise with innovation, strict quality control and continuous growing of business, and comprehensively improve the core competitiveness of the enterprise with the aim of leading the development of the industry with high-quality LED drivers.

Headquarter



Manufacturing Center



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X6 Series Offline Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 12V/0.2A auxiliary output optional (for 320W);
- ▶ 0-5V/0-10V/PWM/timer dimming, optional reverse dimming, Dim-to-off, CLO, work log function;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ All-around protection: output SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6-075Y041	75	20~41	1.83~2.67	20~36V/2.10A	88.00%	0.97	128.6*68*37
X6-075Y062	75	38~62	1.21~1.88	38~53V/1.40A	89.00%	0.97	128.6*68*37
X6-075Y108	75	54~108	0.70~1.05	54~108V/0.70A	90.00%	0.97	128.6*68*37
X6-105Y041	105	20~41	2.56~3.50	20~37V/2.80A	90.00%	0.97	153.6*68*37
X6-105Y062	105	38~62	1.69~2.50	38~50V/2.10A	91.00%	0.97	153.6*68*37
X6-105Y100	105	50~100	1.05~1.40	50~75V/1.40A	91.00%	0.97	153.6*68*37
X6-105Y150	105	75~150	0.70~1.05	75~100V/1.05A	92.00%	0.97	153.6*68*37
X6-150Y041	150	20~41	3.66~5.40	20~35V/4.20A	91.00%	0.97	173.6*68*37
X6-150Y062	150	38~62	2.42~3.60	38~47V/3.15A	91.00%	0.97	173.6*68*37
X6-150Y108	150	54~108	1.40~2.10	54~71V/2.10A	91.00%	0.97	173.6*68*37
X6-150Y143	150	80~143	1.05~1.50	80~143V/1.05A	92.00%	0.97	173.6*68*37
X6-150Y214	150	107~214	0.70~1.05	107~214V/0.70A	92.00%	0.97	173.6*68*37
X6-200Y041	200	20~41	4.88~6.67	20~36V/5.56A	91.00%	0.97	193.6*68*39
X6-200Y062	200	38~62	3.23~5.00	38~41V/4.90A	92.00%	0.97	193.6*68*39
X6-200Y096	200	48~96	2.10~3.00	48~71V/2.80A	92.50%	0.97	193.6*68*39
X6-200Y143	200	70~143	1.40~2.10	70~143V/1.40A	93.00%	0.97	193.6*68*39
X6-200Y191	200	96~191	1.05~1.40	96~190V/1.05A	93.00%	0.97	193.6*68*39
X6-200Y286	200	143~286	0.70~1.05	143~286V/0.70A	92.00%	0.97	193.6*68*39
X6-240Y041	240	20~41	5.86~7.50	20~35V/6.70A	92.00%	0.97	208.6*68*39
X6-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	92.00%	0.97	208.6*68*39
X6-240Y171	240	85~171	1.40~2.10	85~171V/1.40A	93.00%	0.97	208.6*68*39
X6-240Y229	240	114~229	1.05~1.50	114~228V/1.05A	93.00%	0.97	208.6*68*39
X6-240Y343	240	171~343	0.70~1.05	171~343V/0.70A	93.50%	0.97	208.6*68*39
X6-320Y041Z*	320	20~41	7.80~10.00	20~36V/8.90A	92.00%	0.97	232*98*42
X6-320Y062Z	320	38~62	5.20~7.50	38~47V/6.70A	93.00%	0.97	232*98*42
X6-320Y143Z	320	72~143	2.24~3.20	72~114V/2.80A	93.00%	0.97	232*98*42
X6-320Y230Z	320	115~230	1.39~2.10	115~152V/2.10A	92.00%	0.97	232*98*42
X6-320Y457Z	320	228~457	0.70~1.10	228~304V/1.05A	93.00%	0.97	232*98*42

Note:

1.Y=M, Programmable output with 0-5V/0-10V/PWM/timer dimming; Y=V, Output current adjustable through built-in potentiometer.

2.Z=A12, output with 12V/0.2A auxiliary power supply; Z=Blank, no auxiliary output.

X6S(XCP) Series-Class II Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power Class II design;
- ▶ Off-line programmable;
- ▶ 0-5V/0-10V/PWM/timer dimming, CLO;
- ▶ Surge protection: DM 5KV;
- ▶ All-around protection: output SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
XCP-075Y062*	75	38~62	1.21~1.88	38~53V/1.40A	89.0%	0.96	128.6*68*37
XCP-075Y108	75	54~108	0.70~1.05	54~108V/0.70A	90.0%	0.96	128.6*68*37
XCP-105Y062	105	38~62	1.69~2.50	38~50V/2.10A	91.0%	0.97	153.6*68*37
XCP-105Y150	105	75~150	0.70~1.05	75~100V/1.05A	92.0%	0.97	153.6*68*37
XCP-150Y062	150	38~62	2.42~3.60	38~47V/3.15A	91.0%	0.97	173.6*68*37
XCP-150Y214	150	107~214	0.70~1.05	107~214V/0.70A	92.0%	0.97	173.6*68*37
XCP-200Y062	200	38~62	3.23~5.00	38~47V/4.20A	92.0%	0.97	193.6*68*39
XCP-200Y286	200	143~286	0.70~1.05	143~286V/0.70A	92.0%	0.97	193.6*68*39
XCP-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	92.0%	0.97	208.6*68*39
XCP-240Y343	240	171~343	0.70~1.05	171~343V/0.70A	93.5%	0.97	208.6*68*39
XCP-320Y062	320	38~62	5.20~7.50	38~47V/6.70A	93.0%	0.97	232*98*42
XCP-320Y457	320	228~457	0.70~1.10	228~304V/1.05A	93.0%	0.97	232*98*42

Note: Y=M, Programmable output with 0-5V/0-10V/PWM/timer dimming; Y=V, Output current adjustable through built-in potentiometer.

X6I Series BIS Version Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ All-around protection: input 440Vac OVP, output SCP, OVP, OTP;
- ▶ 0-10V/PWM/timer dimming, CLO;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6I-075Y062*	75	38~62	1.21~1.88	38~53V/1.40A	89.0%	0.96	128.6*68*37
X6I-075Y108	75	54~108	0.70~1.05	54~108V/0.70A	90.0%	0.96	128.6*68*37
X6I-105Y062	105	38~62	1.69~2.50	38~50V/2.10A	91.0%	0.97	153.6*68*37
X6I-105Y150	105	75~150	0.70~1.05	75~100V/1.05A	92.0%	0.97	153.6*68*37
X6I-150Y062	150	38~62	2.42~3.60	38~47V/3.15A	91.0%	0.97	173.6*68*37
X6I-150Y214	150	107~214	0.70~1.05	107~214V/0.70A	92.0%	0.97	173.6*68*37
X6I-200Y062	200	38~62	3.23~5.00	38~47V/4.20A	92.0%	0.97	193.6*68*39
X6I-200Y286	200	143~286	0.70~1.05	143~286V/0.70A	92.0%	0.97	193.6*68*39
X6I-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	92.0%	0.97	208.6*68*39
X6I-240Y343	240	171~343	0.70~1.05	171~343V/0.70A	93.5%	0.97	208.6*68*39

Note: Y=M, Programmable output with 0~10V/PWM/Timer dimming; Y=V, Output current adjustable through built-in potentiometer.

X6E Series Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Full power working range: 176~305Vac;
- ▶ Isolated constant power design;
- ▶ 0-10V/PWM/timer dimming;
- ▶ All-around protection: input low voltage automatic derating, output SCP, OVP, OTP;
- ▶ Off-line programmable;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6E-075M075	75	42-75	1.00-1.50	42~50V/1.50A	88%	0.97	128*68*37
X6E-075M108	75	54-108	0.70~1.05	54~71V/1.05A	89%	0.97	128*68*37
X6E-100M100	100	56-100	1.00-1.50	50~67V/1.50A	90%	0.97	133*68*37
X6E-100M143	100	72-143	0.70~1.05	72~95V/1.05A	90%	0.97	133*68*37
X6E-150M150	150	85-150	1.00-1.50	85~100V/1.50A	91%	0.97	157*68*39
X6E-150M214	150	115-214	0.70~1.05	115~143V/1.05A	91%	0.97	157*68*39
X6E-200M200	200	120-200	1.00-1.50	120~133V/1.50A	92%	0.97	173.6*68*39
X6E-200M286	200	156-286	0.70~1.05	156~190V/1.05A	92%	0.97	173.6*68*39
X6E-240M240	240	130-240	1.00-1.50	130~160V/1.50A	93%	0.97	193.6*68*39
X6E-240M343	240	171-343	0.70~1.05	171~229V/1.05A	93%	0.97	193.6*68*39

X6E Series DALI-2 Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Full power working range: 176~305Vac;
- ▶ Isolated constant power design;
- ▶ DALI-2& timer dimming, Dim-to-off;
- ▶ All-around protection: input low voltage automatic derating, output SCP, OVP, OTP;
- ▶ NFC adjustable;
- ▶ Standby power consumption: <0.5W;
- ▶ Surge protection: DM 5KV, CM 10KV;;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6E-075D056*	75	28-56	1.35-2.15	28~48V/1.45A	89%	0.97	150*71.4*36.6
X6E-075D108	75	54-108	0.70~1.05	54~108V/0.70A	89%	0.97	150*71.4*36.6
X6E-100D056	100	28-56	1.78-2.85	28~48V/2.05A	90%	0.97	150*71.4*36.6
X6E-100D143	100	72-143	0.70-1.05	72~143V/0.70A	90%	0.97	150*71.4*36.6
X6E-150D056	150	28-56	2.70-4.30	28~48V/3.10A	91%	0.97	175*71.4*38.6
X6E-150D214	150	107-214	0.70-1.05	107~214V/0.70A	91%	0.97	175*71.4*38.6
X6E-200D056	200	28-56	3.50-5.70	28~48V/4.15A	93%	0.97	197*71.4*38.6
X6E-200D286	200	143-286	0.70-1.05	143~286/0.70A	93%	0.97	197*71.4*38.6
X6E-240D056	240	28-56	4.30-6.85	28~48V/5.00A	93%	0.97	207*71.4*38.6
X6E-240D343	240	171-343	0.70-1.05	171~343V/0.70A	93%	0.97	207*71.4*38.6

Auxiliary Source Series Intelligent LED Driver X7 Series



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ NFC adjustable;
- ▶ 0-10V/PWM/resistance dimming, Dim-to-off;
- ▶ 12V/0.25A;
- ▶ Standby power consumption: <0.5W;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ All-around protection: input UVP, output SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting, Industrial Lighting, Landscape Lighting, Horticulture Lighting, etc.

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X7-075M056A12	75	28-56	1.35-2.15	28~48V/1.45A	89%	0.97	139*71.4*36.6
X7-075M108A12	75	54-108	0.70~1.05	54~108V/0.70A	89%	0.97	139*71.4*36.6
X7-100M056A12	100	28-56	1.78-2.85	28~48V/2.05A	90%	0.97	158*71.4*36.6
X7-100M143A12	100	72-143	0.70-1.05	72~143V/0.70A	90%	0.97	158*71.4*36.6
X7-150M056A12	150	28-56	2.70-4.30	28~48V/3.10A	91%	0.97	181*71.4*36.6
X7-150M214A12	150	107-214	0.70-1.05	107~214V/0.70A	91%	0.97	181*71.4*36.6
X7-200M056A12	200	28-56	3.50-5.70	28~48V/4.15A	92%	0.97	197*71.4*38.6
X7-200M286A12	200	143-286	0.70-1.05	143~286/0.70A	93%	0.97	197*71.4*38.6
X7-240M056A12	240	28-56	4.30-6.85	28~48V/5.00A	92%	0.97	220*71.4*38.6
X7-240M343A12	240	171-343	0.70-1.05	171~343V/0.70A	93%	0.97	220*71.4*38.6

U6 Series DALI-2 Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 176 ~ 264Vac;
- ▶ Isolated constant power design;
- ▶ NFC programmable;
- ▶ DALI-2, timer dimming, Dim-to-off;
- ▶ 24V/0.25A;
- ▶ All-around protection: external NTC, input UVP, output SCP, OVP, OTP;
- ▶ Standby power consumption: <0.5W;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ Applicable lamps: Class I & Class II;
- ▶ Zhaga interface: Book13;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output current (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
U6-040D057	40	21~57	0.70~1.05	0.70	87%	0.97	123*79*31
U6-080D115	80	35~115	0.70~1.05	0.70	93%	0.97	132.5*77*40
U6-120D172	120	75~172	0.70~1.05	0.70	93%	0.98	132.5*77*40
U6-165D236	165	115~236	0.70~1.05	0.70	94%	0.98	170*100*40
U6-200D286	200	143~286	0.70~1.05	0.70	94%	0.98	170*100*40

DALI-2&D4i Intelligent LED Driver U7 Series



Features

- ▶ Input voltage: 176 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ DALI-2&D4i, timer dimming, Dim-to-off;
- ▶ 24V/0.25A, built-in 16V bus power supply;
- ▶ All-around protection: external NTC, input UVP, output SCP, OVP, OTP;
- ▶ NFC programmable;
- ▶ Standby power consumption: <0.5W;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ Applicable lamps: Class I & Class II;
- ▶ Zhaga interface: Book13;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
U7-040D057	40	20~57	0.70~1.05	0.70	88%	0.97	132.5*77*40
U7-060D086	60	28~86	0.70~1.05	0.70	89%	0.97	132.5*77*40
U7-080D115	80	36~115	0.70~1.05	0.70	92%	0.98	132.5*77*40
U7-120D172	120	75~172	0.70~1.05	0.70	92%	0.98	132.5*77*40

E6(EHC) Series Input Over Voltage Protection LED Driver



Features

- ▶ Input voltage: 108 ~ 305Vac;
- ▶ Isolated constant current design;
- ▶ THD<10%;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: input OVP, output SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
EHC-026B037	26	20 ~ 37	0.70	87%	0.97	96*64*33
EHC-042B060	42	30 ~ 60	0.70	88%	0.97	104*64*33
EHC-042B040	42	20 ~ 40	1.05	87%	0.97	104*64*33
EHC-060B086	60	48 ~ 86	0.70	87%	0.97	111*64*33
EHC-060B057	60	34 ~ 57	1.05	87%	0.97	111*64*33
EHC-105B150	105	75 ~ 150	0.70	91%	0.97	164*68*39
EHC-105B111	105	50 ~ 100	0.95	89%	0.97	164*68*39
EHC-105B100	105	50 ~ 100	1.05	90%	0.97	164*68*39
EHC-150B214	150	107 ~ 214	0.70	90%	0.97	179*68*43.5
EHC-150B143	150	72 ~ 143	1.05	88%	0.97	179*68*43.5

X6(PHC)Series Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant current design, flicker free (optional);
- ▶ Output programming adjustable;
- ▶ 0-5V/0-10V/PWM/timer dimming, reverse dimming optional;
- ▶ All-around protection: input OVP, output SCP, OVP, OTP;
- ▶ THD<10%;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
PHC-042M036	42	20 ~ 36	1.17	85%	0.96	117*67*37
PHC-042M048	42	38 ~ 48	0.90	85%	0.96	117*67*37
PHC-042M062	42	30 ~ 62	0.70	85%	0.96	117*67*37
PHC-060M036	60	20 ~ 36	1.67	86%	0.96	132*67*37
PHC-060M048	60	38 ~ 48	1.30	86%	0.96	132*67*37
PHC-060M062	60	30 ~ 62	0.97	86%	0.96	132*67*37

Note: Non suffix-Flicker free.

X6L Series 3-in-1 Dimming LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant current design, flicker free (optional);
- ▶ Potentiometer adjustment;
- ▶ Standby power consumption: <0.5W;
- ▶ 0-10V/PWM/resistance dimming, Dim-to-off;
- ▶ 0-10V reverse dimming optional;
- ▶ THD<10%;
- ▶ Surge protection: DM 4KV, CM 6KV;;
- ▶ All-around protection: output SCP, OVP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting , Industrial Lighting and Landscape Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6-036Y052L	36	28-52	0.40~0.8	28-45V/0.8A	88%	0.96	119*65*34
X6-042Y052L	42	28-52	0.47~0.94	28-45V/0.94A	88%	0.96	119*65*34
X6-060Y052L	60	28-52	0.67~1.34	28-45V/1.34A	88%	0.96	119*65*34

Note: Non suffix-Flicker free.

5G Smart Light Pole Digital Power Supply



Features

- ▶ Input voltage: 176 ~ 264Vac;
- ▶ Driving solution: intelligent digital power control design;
- ▶ All-around protection: AC input protection, AC output protection, DC output protection;
- ▶ Surge protection: DM 6KV, CM 6KV;
- ▶ Working status indication: LED indicator, green indicates normal working status, and off status indicates fault status;
- ▶ Energy management: input and output with metering function, convenient for energy statistics and management;
- ▶ Intelligent IoT: RS485 communication interface, remote control, real-time monitoring and uploading of operating data, data sharing and management;
- ▶ Efficient operation and maintenance: real-time status reporting, fault traceability;
- ▶ Controllable output: remote control on time, on demand and by level;
- ▶ Remote upgrade: convenient for product iteration or function expansion;
- ▶ Flexible installation: support vertical wall hanging and horizontal laying;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Road Lighting.

Output

Classification	Specifications/Requirements	Function Description	Remarks
DC output	5~24Vdc stepless adjustable, 2 independent groups	Remote switch, fault feedback and alarm function. The voltage is customized by programming with default 5Vdc and 24Vdc output	5V:4.0A 12V:4.2A 24V:2.5A
	80W/12Vdc (2 groups in parallel)	Remote switch, fault feedback and alarm function.	Output ±5% accuracy
	100W/48Vdc (2 groups in parallel)	Remote switch, fault feedback and alarm function.	Output ±5% accuracy
AC output	220VAC/10A, 3 groups	Each group works independently; With remote switch, power metering, fault feedback and fault alarm.	/

Protection

Technical requirements for DC protection		Technical requirements
1	OCP	After the fault is removed, it will automatically resume
2	SCP	No damage to short-circuit products, after the short-circuit is removed, it will automatically resume
3	OTP	Tc≥85±10°C, the product enters the high-temperature protection state, and automatically resumes after the over-temperature is lifted
4	Cooling method	Natural cooling
Technical Requirements for AC Protection		Technical requirements
1	Input OCP	Input over current, close the bypass output, after the fault is removed, it will automatically resume
2	Output OCP	The over current point can be set through RS485, after the fault is removed, it will automatically resume
3	Output OVP/UVF	The over current point can be set through RS485, after the fault is removed, it will automatically resume
4	Output SCP	No damage to short-circuit products, turn off the output, restart or restart through RS485
5	Leakage protection	The leakage protection point can be set through RS485. After the fault removed, it will automatically resume.

Communication description

- ▶ Through RS485 communication to realize real-time monitoring and management of multi-function pole plug-in equipment. At the same time, the cloud platform is connected through the gateway to realize real-time data sharing and management.

Communication parameters		Technical requirements
1	Protocol Adopt MODBUS-RTU	Communication protocol
2	Baud rate	9600bps
3	Stop	Bit 1
4	Check	None
5	Data stream	None
6	Wiring definition	Purple - A, Gray - B, Black and white- GND

X6 Series Horticulture Lighting Intelligent LED Driver



Features



- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 0-10V/PWM/timer dimming, Dim-to-off;
- ▶ 12V/0.2A auxiliary output optional (≥ 320W);
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Horticulture Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6-105M062	105	38~62	1.69~2.50	38~50V/2.10A	91.0%	0.97	153.6*68*37
X6-150M062	150	38~62	2.42~3.60	38~47V/3.15A	91.0%	0.97	173.6*68*37
X6-200M062	200	38~62	3.23~5.00	38~47V/4.20A	92.0%	0.97	193.6*68*39
X6-240M062	240	38~62	3.88~5.71	38~48V/5.00A	92.0%	0.97	208.6*68*39
X6-320M062Y*	320	38~62	5.20~7.50	38~47V/6.70A	93.0%	0.97	232*98*42
X6-480M060Y	480	30~60	8.0~10.0	30~58V/8.20A	93.5%	0.97	277*125*39.5
X6-600M056Y	600	27~56	10.7~12.5	30~53V/11.20A	94.0%	0.97	277*144*48.5
X6-600M134Y	600	54~134	4.48~5.60	54~107V/5.60A	94.5%	0.97	277*144*48.5
X6-680M056Y	680	38-56	12.15~15.00	38-45V/15.0A	94.0%	0.97	281*135*46

Note: 1. Y=A12, with auxiliary source; Y is blank, without auxiliary source.

2. Certifications of X6-680W-CE/UL/FCC.

P1 Series Horticulture Lighting Intelligent LED Driver



Features



- ▶ Input voltage: 108 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 12V/0.2A;
- ▶ Ingress protection rating: IP67;
- ▶ 0-10V/PWM/timer dimming, Dim-to-off;
- ▶ Surge protection: DM 4KV, CM 6KV(320~600W); DM 6KV, CM 10KV(680~800W);
- ▶ All-around protection: hot plug operation (optional), SCP, OVP, OTP;
- ▶ Warranty: 5 years.

Application

- ▶ Horticulture Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
P1-320M056A12	320	38-54	5.93~6.25	93.0%	0.97	285*85*50
P1-400M056A12	400	38-56	7.15~8.33	94.0%	0.97	285*85*50
P1-600M056A12	600	38-54	11.11~11.70	94.0%	0.97	301*106*50
P1-680M056A12	680	38-56	12.15~14.17	94.0%	0.97	341*106*50
P1-680M305A12	680	153-305	2.23~2.84	94.0%	0.97	341*106*50
P1-800M056A12	800	30~56	14.30~16.67	95.0%	0.97	381*106*50
P1-800M268A12	800	134~268	3.00~4.45	95.5%	0.97	381*106*50

P1H Series Horticulture Lighting Intelligent Driver



Features

- ▶ Input voltage: 249 ~ 528Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 12V/0.2A;
- ▶ 0-10V/PWM/timer dimming, Dim-to-off;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: hot plug operation (optional), SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Horticulture Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
P1H-320M056A12	320	38-54	5.93~6.25	93.0%	0.97	285*85*50
P1H-600M056A12	600	38-54	11.11~11.70	94.0%	0.97	301*106*50
P1H-680M305A12	680	153-305	2.23~2.84	94.0%	0.97	341*106*50

P6H Series Horticulture Lighting Intelligent Driver



Features

- ▶ Input voltage: 198 ~ 440Vac;
- ▶ Non-isolated design, efficiency up to 97%;
- ▶ Potentiometer adjustment;
- ▶ 12V/0.2A;
- ▶ Standby power consumption: <0.5W;
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Dim-to-off without afterglow;
- ▶ Inrush current: <12A;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around-protection: SCP, OVP, OTP;
- ▶ Warranty: 5 years.

Application

- ▶ Horticulture Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
P6H-200M360A12H	200	240-360	0.56~0.80	95.0%	0.97	333*43*40
P6H-400M500A12H	400	250~500	0.80~1.40	96.0%	0.97	452*43*40
P6H-400V500	400	250~500	0.80~1.20	96.0%	0.97	402*43*40
P6H-400V400	400	250~400	1.00~1.40	96.0%	0.97	402*43*40

S6 Series 600W Stadium Intelligent LED Driver



Features

- ▶ Input voltage: 198~528Vac;
- ▶ Isolated constant power design;
- ▶ DMX512/DALI-2 control optional;
- ▶ Ultra low ripple: <2%;
- ▶ PF: >0.97@100% load;
- ▶ THD<10%@100% load;
- ▶ Inrush current: <35A@480VAC;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ All-around protection: SCP, OVP, OPP, OTP;
- ▶ Ingress protection rating: IP66, IK08;
- ▶ Ambient temperature: -40°C ~ 50°C ;
- ▶ Warranty: 5 years.

Application

- ▶ Stadium Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
S6-600D360	600	172~360	1.67~3.00	95.0%	0.97	327*144*59
S6-600D520	600	260~520	1.16~1.88	95.0%	0.97	327*144*59
S6-600R360	600	172~360	1.67~3.00	95.0%	0.97	327*144*59
S6-600R520	600	260~520	1.16~1.88	95.0%	0.97	327*144*59

Note: D: DALI-2
R: DMX512

S6 Series 1800W Stadium Intelligent LED Driver



Features

- ▶ Input voltage: 198~440Vac;
- ▶ Non-Isolated constant power design;
- ▶ DMX512/DALI-2 control optional;
- ▶ Ultra low ripple: <2%;
- ▶ PF: >0.97@100% load;
- ▶ THD<10%@100% load;
- ▶ Inrush current: <35A@400VAC;
- ▶ Surge protection: DM 10KV, CM 10KV;
- ▶ All-around protection: SCP, OVP, OPP, OTP;
- ▶ Ingress protection rating: IP66, IK08;
- ▶ Ambient temperature: -40°C ~ 50°C ;
- ▶ Warranty: 5 years.

Application

- ▶ Stadium Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
S6-1200D500	1200	260-500	(1.20~1.80)*2	96.0%	0.97	500*150*81
S6-1500D500	1500	260-500	(1.00~1.20)*3	96.0%	0.97	500*150*81
S6-1800D500	1800	260-500	(1.20~1.80)*3	96.0%	0.97	500*150*81
S6-1200R500	1200	260-500	(1.20~1.80)*2	96.0%	0.97	500*150*81
S6-1500R500	1500	260-500	(1.00~1.20)*3	96.0%	0.97	500*150*81
S6-1800R500	1800	260-500	(1.20~1.80)*3	96.0%	0.97	500*150*81

Note: D: DALI-2
R: DMX512

X6 Series High-power Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac (X6 series);
207 ~ 528Vac (X6H series);
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 0-10V/PWM/timer dimming;
- ▶ Dim-to-off;
- ▶ 12V/0.2A;
- ▶ Surge protection: DM 6KV, CM 10KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Stadium and Port Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6-480M060A12	480	30~60	8.00~10.00	30~58V/8.20A	93.5%	0.97	277*125*39.5
X6-600M056A12	600	27~56	10.70~12.50	30~53V/11.20A	94.0%	0.97	277*144*48.5
X6-600M134A12	600	54~134	4.48~5.60	54~107V/5.60A	94.5%	0.97	277*144*48.5
X6-600M268A12	600	134~268	2.24~2.80	134~214V/2.80A	94.5%	0.97	277*144*48.5
X6-600M428A12	600	240~428	1.40~1.75	240~428V/1.40A	95.0%	0.97	277*144*48.5
X6-680M056A12	680	38~56	12.15~15.00	38~45V/15.0A	94.0%	0.97	281*135*45.5
X6H-800M268A12	800	114~268	3.00~4.45	114~266V/3.00A	95.5%	0.97	258*160*50

Note: 1. Certifications of 800W-CB/CE/ENEC/UL/FCC;
2. Certifications of X6-680W-CE/UL/FCC.

G6 A12 Series Non-isolated Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Flicker-free non-isolation design;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ 12V/0.2A;
- ▶ Standby power consumption: <0.5W (A12 model);
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Dim-to-off without afterglow (optional);
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G6-096M260A12	96	180-260	0.450	94%	0.96	130*64.10
G6-120M260A12	120	180-260	0.560	94%	0.96	130*64.10
G6-160M260A12	160	180-260	0.740	95%	0.96	130*64.10
G6-200M260A12	200	180-260	0.930	95%	0.96	130*64.10
G6-240M260A12*	240	180-260	1.100	95%	0.96	130*64.10

Note: H-Dim-to-off, without afterglow; F- No derated under low voltage.

G6 M Series Non-isolated Intelligent LED Driver



SAA CB CE



Class P FC

Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Flicker-free, non-isolation design;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G6-096Y260 *	96	180-260	0.450	94%	0.96	130*64.10
G6-120Y260	120	180-260	0.560	94%	0.96	130*64.10
G6-160Y260	160	180-260	0.740	95%	0.96	130*64.10
G6-200Y260	200	180-260	0.930	95%	0.96	130*64.10
G6-240Y260	240	180-260	1.100	95%	0.96	130*64.10

Note: Y=M, 0-10V/PWM/resistance dimming;

Y=V, Output current adjustable through built-in potentiometer.

G6 D Series Non-isolated Intelligent LED Driver



SAA CB CE



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Flicker-free, non-isolation design, efficiency up to 95%;
- ▶ Potentiometer adjustment or DALI programmer;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ Standby power consumption: <0.5W;
- ▶ DALI-2& timer dimming, Dim-to-off;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G6-096D260H	96	180-260	0.450	94%	0.96	ø130*64.10
G6-120D260H	120	180-260	0.560	94%	0.96	ø130*64.10
G6-160D260H	160	180-260	0.740	95%	0.96	ø130*64.10
G6-200D260H	200	180-260	0.930	95%	0.96	ø130*64.10
G6-240D260H	240	180-260	1.100	95%	0.96	ø130*64.10

G6C Series Non-isolated Intelligent LED Driver



Features

- ▶ Input voltage: 108 ~ 380Vac;
- ▶ Flicker-free, non-isolation design;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ 12V/0.2A;
- ▶ 0-10V/PWM/resistance dimming, dim to off;
- ▶ Surge protection: DM 6KV, CM 6KV(ANSIC82.77-5);
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G6C-096M260A12	96	180-260	0.450	94%	0.96	130*64.10
G6C-120M260A12	120	180-260	0.560	95%	0.96	130*64.10
G6C-160M260A12	160	180-260	0.740	95%	0.96	130*64.10
G6C-200M260A12	200	180-260	0.930	95%	0.96	130*64.10
G6C-240M260A12F	240	180-260	1.100	95%	0.96	146*64.10

G6 T Series Non-isolated Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Flicker-free non-isolation design;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ Standby power consumption: <0.5W (A12 model);
- ▶ 12V/0.2A;
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G6-096X260YT	96	180-260	0.450	94%	0.96	128*61.0
G6-120X260YT	120	180-260	0.560	94%	0.96	128*61.0
G6-160X260YT	160	180-260	0.740	95%	0.96	128*61.0
G6-200X260YT	200	180-260	0.930	95%	0.96	128*61.0
G6-240X260YT*	240	180-260	1.100	95%	0.96	128*61.0

Note:

1. X=M, 0-10V/PWM/resistance dimming;
2. X=V, no dimming;
3. Y=A12, output with 12V/0.2A auxiliary power supply; Y=Blank, no auxiliary output.

G7 Series Non-isolated Intelligent LED Driver



Features

- ▶ Input voltage: 120 ~ 277Vac;
- ▶ One-stage non-isolation design;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ THD<10%;
- ▶ 12V/0.2A;
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
G7-100X130Y*	100	90-130	0.77	92.5%	0.96	128*61.0
G7-150X130Y	150	90-130	1.15	92.5%	0.96	128*61.0
G7-200X130Y	200	90-130	1.54	92.5%	0.96	128*61.0

Note:

1. X=M, 0-10V/PWM/resistance dimming;
2. X=V, no dimming;
3. Y=A12, output with 12V/0.2A auxiliary power supply; Y=Blank, no auxiliary output.

G5(MTP) Series Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant power design;
- ▶ Off-line programmable;
- ▶ 0-10V/PWM dimming, Dim-to-off;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current adjustable range (A)	Default output	Typ. Eff.	Typ. PF	Dimensions (Φ*H)mm
MTP-060Y054*	60	27 ~ 54	1.10 ~ 1.50	27 ~ 40V/1.50A	88%	0.96	115*64.2
MTP-120Y054	120	27 ~ 54	2.22 ~ 2.85	27 ~ 42V/2.85A	90%	0.96	130*74.1
MTP-160Y054	160	27 ~ 54	2.96 ~ 3.80	27 ~ 42V/3.8A	89%	0.96	146*74.1
MTP-200Y054	200	27 ~ 54	3.7 ~ 4.80	27 ~ 42V/4.80A	91%	0.96	146*74.1
MTP-240Y054	240	27 ~ 54	4.44 ~ 5.72	27 ~ 42V/5.72A	92%	0.96	176.2*74.4

Note:

1. Y=M, with 0-10V/PWM dimming function, output current can be adjusted by programming the dimming wire;
2. Y=V, current can be adjusted by the potentiometer.

N6(MNC) Series Non-Isolated LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Flicker-free, non-isolated constant current design with efficiency up to 95%;
- ▶ Potentiometer adjustment;
- ▶ PF: >0.96;
- ▶ 0-10V/PWM/resistance dimming;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Max. output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
MNC-060Y240*	60	170~240	0.33	93%	0.97	124*62*31
MNC-100Y240	100	170~240	0.46	94%	0.97	138*55*37
MNC-150Y240	150	170~240	0.71	94%	0.97	138*55*37
MNC-200Y240	200	170~240	1.00	95%	0.97	151*63.5*41.5
MNC-240Y240	240	170~240	1.10	95%	0.97	183*63.5*43

Note: Y=M, with 0-10V/PWM/resistance dimming, Y=V, no dimming.

A5(MEP) Series Explosion-proof Lighting LED Driver



Features

- ▶ Input voltage: 90 ~ 264Vac;
- ▶ Isolated constant current design;
- ▶ PF: >0.96;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Industrial Lighting and Explosion-proof Lighting

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current(A)	Typ. Eff.	Dimensions(Φ*H)	Authentication
MEP-040B058	40	30-58	0.70	87%	75*32	CCC/CE/CB/BIS
MEP-040V058*	40	30-58	1.20Max.	87%	75*32	CCC
MEP-060B043	60	26-43	1.40	88%	92*38	CCC/CE/CB/BIS
MEP-075V057*	60	27-57	1.75 Max.	90%	92*38	CCC/CE/CB/TUV
MEP-080B058	80	30-58	1.40	89%	112*38	CCC/BIS
MEP-120B058	120	30-58	2.10	89%	112*38	CCC/BIS

Note: Output current adjustable through built-in potentiometer.

V1(LSV) Series Constant Voltage LED Driver

Features



- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant voltage design;
- ▶ PF: >0.96;
- ▶ Surge protection: 35W/50W: DM 4KV, CM 6KV;
75~320W: DM 5KV, CM 10KV;
- ▶ All-around protection: SCP, OVP, OPP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Landscape Lighting, Advertising Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LSV-035B012	35	12	0 ~ 2.90	85%	0.95	199*42.5*34.5
LSV-035B024	35	24	0 ~ 1.46	87%	0.95	199*42.5*34.5
LSV-050B012	50	12	0 ~ 4.17	85%	0.95	199*42.5*34.5
LSV-050B024	50	24	0 ~ 2.08	88%	0.95	199*42.5*34.5
LSV-075B012	75	12	0 ~ 6.25	87%	0.96	164*68*42
LSV-075B024	75	24	0 ~ 3.13	87%	0.96	164*68*42
LSV-100B012	100	12	0 ~ 8.33	91%	0.96	178*68*42
LSV-100B024	100	24	0 ~ 4.17	91%	0.96	178*68*42
LSV-150B012	150	12	0 ~ 12.5	90%	0.96	207*68*42
LSV-150B024	150	24	0 ~ 6.25	91%	0.96	207*68*42
LSV-150B036	150	36	0 ~ 4.17	91%	0.96	207*68*42
LSV-150B048	150	48	0 ~ 3.13	91%	0.96	207*68*42
LSV-200B012	200	12	0 ~ 16.67	91%	0.96	232*68*43.5
LSV-200B024	200	24	0 ~ 8.33	92%	0.96	232*68*43.5
LSV-200B036	200	36	0 ~ 5.56	92%	0.96	247*68*43.5
LSV-200B048	200	48	0 ~ 4.17	92%	0.96	247*68*43.5
LSV-320B012	264	12	0 ~ 22.00	91%	0.96	231*98*42
LSV-320B024	320	24	0 ~ 13.33	92%	0.96	231*98*42
LSV-320B036	320	36	0 ~ 8.90	92%	0.96	231*98*42
LSV-320B048	320	48	0 ~ 6.67	92%	0.96	231*98*42

V6E Series Constant Voltage LED Driver



Features

- ▶ Input voltage: 176 ~ 264Vac;
- ▶ 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.

Application

- ▶ Landscape Lighting, Advertising Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
V6E-075B012	75	12	0 ~ 6.25	86.0%	0.98	137.5*67.2*37
V6E-075B024	75	24	0 ~ 3.20	88.0%	0.98	137.5*67.2*37
V6E-075B036	75	36	0 ~ 2.10	90.0%	0.98	137.5*67.2*37
V6E-100B012	100	12	0 ~ 8.34	89.0%	0.98	147.5*67.2*37
V6E-100B024	100	24	0 ~ 4.20	89.0%	0.98	147.5*67.2*37
V6E-100B036	100	36	0 ~ 2.80	90.0%	0.98	147.5*67.2*37
V6E-150B012	150	12	0 ~ 12.50	93.0%	0.98	162.5*67.2*37
V6E-150B024	150	24	0 ~ 6.30	93.0%	0.98	162.5*67.2*37
V6E-150B036	150	36	0 ~ 4.20	93.0%	0.98	162.5*67.2*37
V6E-200B024	200	24	0 ~ 8.40	93.0%	0.98	175.5*67.2*37
V6E-200B036	200	36	0 ~ 5.60	94.0%	0.98	175.5*67.2*37
V6E-240B024	240	24	0 ~ 10.00	93.0%	0.98	193.5*67.2*37
V6E-240B036	240	36	0 ~ 6.70	94.0%	0.98	193.5*67.2*37
V6E-320B012	320	12	0 ~ 26.70	92.0%	0.98	224.5*97*42
V6E-320B024	320	24	0 ~ 13.40	93.0%	0.98	224.5*97*42
V6E-320B036	320	36	0 ~ 8.90	93.5%	0.98	224.5*97*42
V6E-320B048	320	48	0 ~ 6.70	93.5%	0.98	224.5*97*42
V6E-350B024	350	24	0 ~ 14.60	93.0%	0.98	224.5*97*42
V6E-350B036	350	36	0 ~ 9.80	93.5%	0.98	224.5*97*42
V6E-350B048	350	48	0 ~ 7.30	93.5%	0.98	224.5*97*42

V2 Series Constant Voltage LED Driver



Features

- ▶ Input voltage: 90 ~ 305Vac;
- ▶ Isolated constant voltage Class2 design;
- ▶ PF: >0.97;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ All-around protection: SCP, OVP, OPP, OTP;
- ▶ Ingress protection rating: IP67;
- ▶ Warranty: 5 years.

Application

- ▶ Landscape Lighting, Advertising Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
V2-060B012	60	12	0-5.0	87.0%	0.97	129*68*35
V2-120B012	120	12	(0-5.0) *2	88.0%	0.97	161*68*35

V1R(MSV) Series Constant Voltage LED Driver



Features

- ▶ Input voltage: 180 ~ 264Vac;
- ▶ Isolated constant voltage design;
- ▶ Structural design: rain-proof design with semi-glue filling;
- ▶ Surge protection: DM 1KV, CM 2KV;
- ▶ All-around protection: SCP, OVP, OPP, OTP;
- ▶ Warranty: 3 years.

Application

- ▶ Landscape Lighting, Advertising Lighting

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Output current(A)	Typ. Eff.	Dimensions (L*W*H)mm
MSV-350B012	350	12	0-26.67	90%	198*131*40
MSV-350B024	350	24	0-14.60	90%	198*131*40
MSV-400B024	400	24	0-16.70	92%	227*122*40

X6S(XUP) Series-DALI-2 Programmable Intelligent LED Driver



Features

- ▶ Input voltage: 100 ~ 264Vac;
- ▶ Isolated constant current design;
- ▶ DALI programmer;
- ▶ Applicable lamps: Class I / Class II optional;
- ▶ PF: >0.95, in line with rail transit lighting standards;
- ▶ THD<10%;
- ▶ Standby power consumption: <0.5W;
- ▶ DALI-2& timer dimming, Dim-to-off;
- ▶ Surge protection: DM 2KV, CM 4KV;
- ▶ All-around protection: SCP, OVP, OTP;
- ▶ Ingress protection rating: IP65;
- ▶ Warranty: 5 years.

Application

- ▶ Rail Transit Lighting, Commercial Lighting, etc.

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Maximum output current	Default output	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6(S)-018D048	18	28-48	0.50	28-36V/0.50A	83.0%	0.96	114*59*32
X6(S)-026D048	26	28-48	0.73	28-35V/0.73A	85.0%	0.96	114*59*32
X6(S)-036D048	36	28-48	1.00	28-36V/1.00A	86.0%	0.96	114*59*32
X6(S)-042D048	42	28-48	1.16	28-36V/1.16A	87.0%	0.96	114*59*32
X6(S)-054D048	54	28-48	1.50	28-36V/1.5A	87.0%	0.96	114*59*32

Note: X6 series class I, X6S series class II.

10KV Surge Protection Device

20KV Surge Protection Device



Features

- ▶ CLASS I installation method;
- ▶ Meet the requirements of EN61643-11 standard;
- ▶ Built-in failure protection, better security performance;
- ▶ Three-wire series connection is adopted;
- ▶ Suitable for LED driver surge protection;
- ▶ Ingress protection rating: IP67.

Application

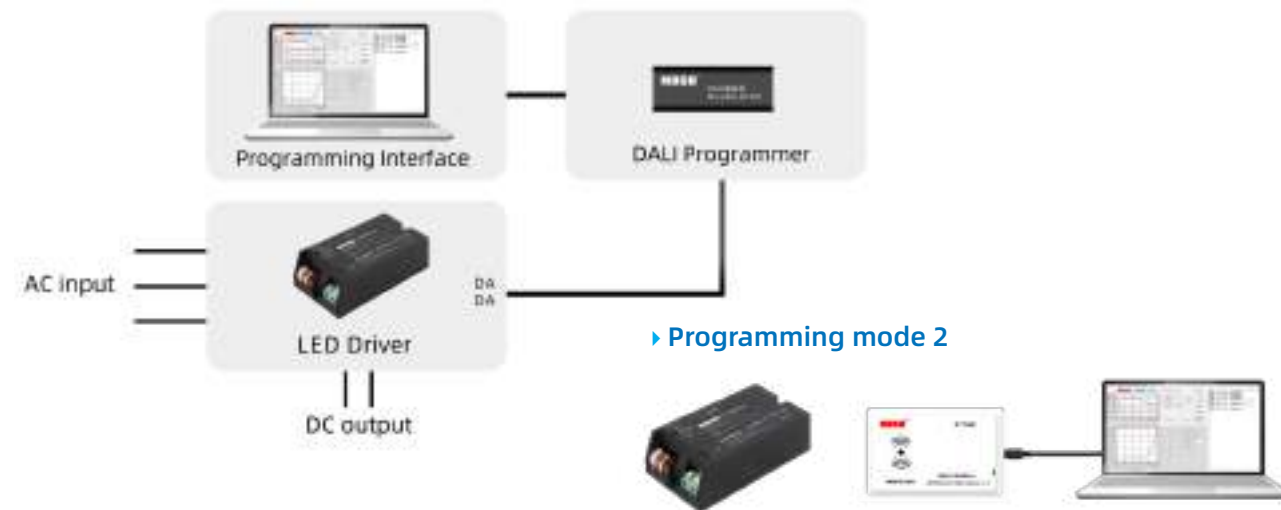
- ▶ Used for indoor or outdoor electrical protection.

Product Selection Guide

Model	Combination wave (KV)	Nominal discharge current(KA)	Level of voltage protect(KV)	Sectional area of mounting	Dimension(L*W*H) mm
MSP-10K-SURGE	10	5	<1.3	3*1.0mm ²	82*38*16
MS-10KV-SPD	10	5	<1.5	3*1.0mm ²	62*35*36
MS-20KV-SPD	20	10	<1.5	3*1.0mm ²	62*35*36

DALI-2 Programmed-interconnection Pattern

► Programming mode 1



Off-line Programming

User-friendly connection of programming without necessary to power on device(suitable for X6, XCP, X6I, PHC, MTP Series).

Programming mode 1



Suitable for Windows system

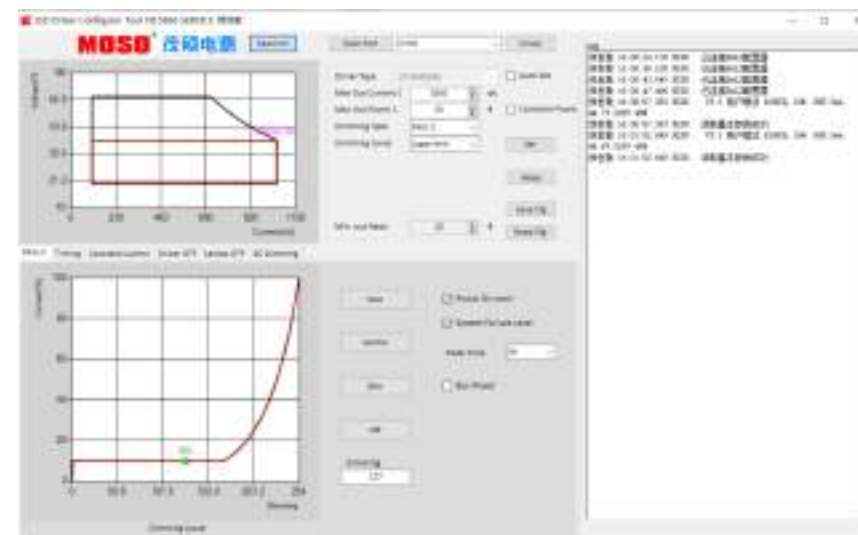
Programming mode 2



Instructions of one touch programmer:

1. Open the software interface and download the program to the offline programmer;
2. Connect the dimming wire with the programmer, press the programmer button, the programmer will give you a subtle reminder "(Beep)" to tell you the installation completed.

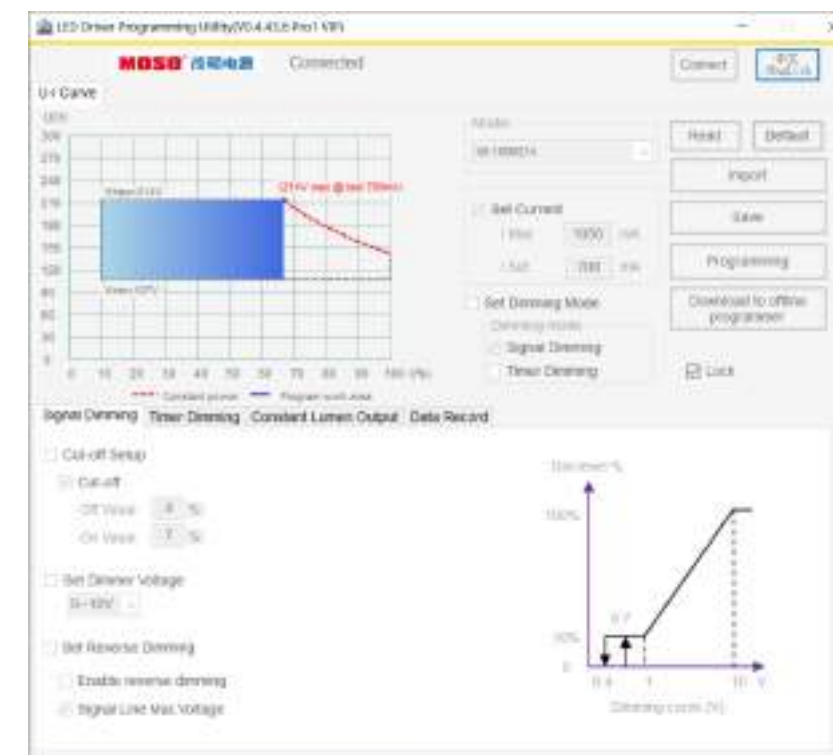
Visual Software Operation Interface



DALI-2 visual software programming description

1. Chinese and English version interfaces, online upgraded automatically;
2. The maximum output power and current, dimming type and dimming curve can be set;
3. The current parameters and configured driving parameters can be read;
4. Time dimming. Set the timing control function, which supports 7 segments at most;
5. CLO;
6. Power protection. The power protection parameters can be set according to the actual needs of customers;
7. Lamp protection. External NTC helps set lamp protection parameters.

Visual Software Operation Interface



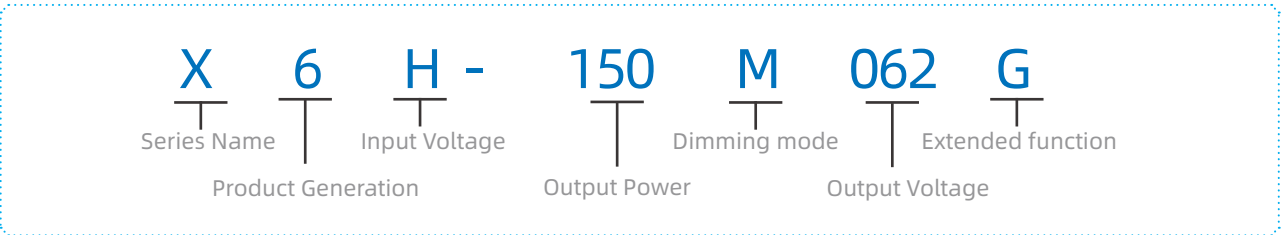
Visual Intelligent Programming

1. Set the output parameters through the control signal line;
0-3.3V/0-5V/0-9V/0-10V optional.
2. Timer dimming. Set the timer control function, support up to 7 segments;
3. Set output CLO;
4. Read the recorded system parameters;
Record the working time working temperature, and software version information of the LED driver.
5. Configure the driving parameters. After setting is completed, then click the configured parameters to complete programming.
6. Download it to the offline programmer.

Global Distributors

Country	Distributor	Tel	Website
Southeast Asia	Arrow Components (M) Sdn Bhd	+852 24842127	www.arrow.com
Asia	Future Electronics	+852 66260052	www.futurelightingsolutions.com
Italy	Welt Electronic Spa	+39 055 302 631	www.weltelectronic.it
Poland	MPL Power Elektro SP.z.o.o.	+48 324400950	www.mplpower.pl
Spain	INELEC, S.A.	+ 34 917263508	www.inelec.net
Benelux	Ellipse nv	+32 (0)494 68 51 78	www.ellipse.eu
Benelux	Alcom Electronics B.V.	+31 6 2185 58 02	www.alcom.nl
Northern Europe	TUULISALMI OY	+358 50 5008092	www.tuulisalmi.fi
Balkan	Comet Electronics	+359 885 977 167	www.comet.bg
Russia	Intech Lighting (Macro Group)	+7 (812) 370 60 70	www.intech-light.ru
Brazil	Future Electronics Brazil	+55 -11- 23137900	www.futureelectronics.com
Argentina	Arrow Argentina	+ 54-11-53656950	www.arrow.com
Canada	Future Electronics	514-694-7710	www.futureelectronics.com
India	SEMICONIC DEVICES PVT. LTD	9540012160	www.semiconic.com
India	Kevin Electrochem	+ 91 98190 71533	www.kevinelectrochem.com
USA, Canada	Thomas Technologies LLC	+1 2489302172	www.thomastechno.com
USA, Canada	Future Electronics Inc.	+1 (514) 694-7710 Ext. 5670	www.futureelectronics.com

Product Model Naming Rules



Series name:

- X: Road Lighting Series;
- G: Industrial Lighting Series;
- A: Explosion-proof Lighting Series;
- V: Landscape Lighting Series;
- P: Horticulture Lighting Series;
- S: High Power Lighting Series;

Product generation:

For example: 6 means the 6th generation product;

Product Category:

- Blank: 100-277Vac
- E: 220-240Vac
- C: 120-347Vac
- H: 230/277-480Vac
- I: Indian market;
- S: Class II power supply;

Output power range:

- 075:75W;
- 150:150W;

Dimming Mode:

- M: 0-10V/PWM/timer dimming;
- D:DALI dimming;
- V: Potentiometer adjusts current, no dimming function;
- B: Constant current output, no dimming function;
- N: NFC adjusts current, no dimming function;
- P: PLC dimming;
- C: Light control dimming;
- R: DMX512/RDM dimming;

Output voltage:

- 062: output maximum voltage 62V;

Extension Functions:

- A12: 12V auxiliary output;
- F: Large case/**flicker-free**;
- G: Grow light market version;
- P:UL wire;
- WD: LSZH, WDZ wire.
- CON: Connector
- RJ: RJ Connector
- A Forward
- B Reverse
- EN-Enhance, derivative Enhanced Edition



HOTLINE : 400-889-0018



Technology Innovation and Product Supremacy



Tel:+86-755-27657000
Fax:+86-755-27657908



E-mail: info@mosopower.com



www.mosopower.com/en



Headquarter Address:Moso Industrial Park,Xili Town,
Nanshan District,Shenzhen(518108)