



Offline programmable LED Driver



Features

- ▶ Universal input voltage range: 90~305Vac;
- ▶ Constant power design;
- ▶ Offline programmable;
- ▶ 12V/0.3A auxiliary power supply is optional(≥ 320W);
- ▶ 0-10V, PWM, Timer dimming. Dim-to-off;
- ▶ Output lumen compensation;
- ▶ Output and dimming signal isolating;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ Protections: SCP, OVP, OTP;
- ▶ IP67 design for indoor and outdoor applications;
- ▶ Suitable for dry / damp / wet locations;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage (Vdc)	Full power current range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
X6-075Y041	75	20~41	1.83~2.67	20~36V/2.10A	88.0%	0.96	128.6*68*37
X6-075Y062	75	38~62	1.21~1.88	38~53V/1.40A	89.0%	0.96	128.6*68*37
X6-075Y108	75	54~108	0.70~1.05	54~108V/0.70A	90.0%	0.96	128.6*68*37
X6-105Y041	105	20~41	2.56~3.50	20~37V/2.80A	90.0%	0.97	153.6*68*37
X6-105Y062	105	38~62	1.69~2.50	38~50V/2.10A	91.0%	0.97	153.6*68*37
X6-105Y100	105	50~100	1.05~1.40	50~75V/1.40A	91.0%	0.97	153.6*68*37
X6-105Y150	105	75~150	0.70~1.05	75~100V/1.05A	92.0%	0.97	153.6*68*37
X6-150Y041	150	20~41	3.66~5.40	20~35V/4.20A	91.0%	0.97	173.6*68*37
X6-150Y062	150	38~62	2.42~3.60	38~47V/3.15A	91.0%	0.97	173.6*68*37
X6-150Y108	150	54~108	1.40~2.10	54~71V/2.10A	91.0%	0.97	173.6*68*37
X6-150Y143	150	80~143	1.05~1.50	80~143V/1.05A	92.0%	0.97	173.6*68*37
X6-150Y214	150	107~214	0.70~1.05	107~214V/0.70A	92.0%	0.97	173.6*68*37
X6-200Y041	200	20~41	4.88~6.67	20~36V/5.56A	92.00%	0.97	193.6*68*39
X6-200Y062	200	38~62	3.23~5.00	38~41V/4.90A	92.0%	0.97	193.6*68*39
X6-200Y096	200	48~96	2.10~3.00	48~71V/2.80A	92.5%	0.97	193.6*68*39
X6-200Y143	200	70~143	1.40~2.10	70~143V/1.40A	93.0%	0.97	193.6*68*39
X6-200Y191	200	96~191	1.05~1.40	96~190V/1.05A	93.0%	0.97	193.6*68*39
X6-200Y286	200	143~286	0.70~1.05	143~286V/0.70A	93.5%	0.97	193.6*68*39
X6-240Y041	240	20~41	5.86~7.50	20~35V/6.70A	92.0%	0.97	208.6*68*39
X6-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	93.0%	0.97	208.6*68*39
X6-240Y086	240	43~86	2.8~4.20	43~57V/4.20A	92.5%	0.97	208.6*68*39
X6-240Y171	240	85~171	1.40~2.10	85~171V/1.40A	93.5%	0.97	208.6*68*39
X6-240Y229	240	114~229	1.05~1.50	114~228V/1.05A	93.5%	0.97	208.6*68*39
X6-240Y343	240	171~343	0.70~1.05	171~343V/0.70A	93.5%	0.97	208.6*68*39
X6-320Y041Z*	320	20~41	7.80~10.00	20~36V/8.90A	92.0%	0.97	232*98*42
X6-320Y062Z	320	38~62	5.20~7.50	38~47V/6.70A	93.0%	0.97	232*98*42
X6-320Y143Z	320	72~143	2.24~3.20	72~114V/2.80A	93.0%	0.97	232*98*42
X6-320Y230Z	320	115~230	1.39~2.10	115~152V/2.10A	92.5%	0.97	232*98*42
X6-320Y457Z	320	228~457	0.70~1.10	228~304V/1.05A	93.0%	0.97	232*98*42
X6-600Y056Z	600	27~56	11.2~12.5	30~53V/11.20A	94.0%	0.97	277*144*48.5
X6-600Y134Z	600	54~134	4.48~5.60	54~107V/5.60A	94.5%	0.97	277*144*48.5
X6-600Y268Z	600	108~268	2.27~2.80	108~214V/2.80A	94.5%	0.97	277*144*48.5
X6-600Y428Z	600	240~428	1.40~1.75	240~428V/1.40	95.0%	0.97	277*144*48.5

Note: Y=M, Programmable output with 0~10V/PWM/Timer dimming; Y=V, Output current adjustable through built-in potentiometer. Z=A12, output with 12V/0.3A auxiliary power supply; Z=Blank, no auxiliary output.

Class II Offline programmable LED Driver



Features

- ▶ Universal input voltage range: 90~305Vac;
- ▶ Constant power design;
- ▶ Offline programmable;
- ▶ 1-10V, PWM, Timer dimming;
- ▶ Output lumen compensation;
- ▶ Output and dimming signal isolating;
- ▶ Surge protection: DM 5KV;
- ▶ Protections: SCP, OVP, OTP;
- ▶ IP67 design for indoor and outdoor applications;
- ▶ Suitable for dry / damp / wet locations;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
XCP-075Y041*	75	20~41	1.83~2.67	20~36V/2.10A	88.0%	0.96	128.6*68*37
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-105Y041	105	20~41	2.56~3.50	20~37V/2.80A	90.0%	0.97	153.6*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-150Y041	150	20~41	3.66~5.40	20~35V/4.20A	91.0%	0.97	173.6*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	93.5%	0.97	193.6*68*39
XCP-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	93.0%	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 1~10V/PWM/Timer dimming; Y=V, Output current adjustable through built-in potentiometer.

440Vac Input OVP Offline programmable LED Driver



Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Full power current adjustable range (A)	Default output spec	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	93.5%	0.97	193.6*68*39
X6I-240Y062	240	38~62	3.88~5.71	38~48V/5.00A	93.0%	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.

Features

- ▶ Universal input voltage range: 90~305Vac;
- ▶ Constant power design;
- ▶ Offline programmable;
- ▶ 0-10V, PWM, Timer dimming. Dim-to-off;
- ▶ Output lumen compensation;
- ▶ Output and dimming signal isolating;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ Protections: 440Vac Input OVP, SCP, OTP;
- ▶ IP67 design for indoor and outdoor applications;
- ▶ Suitable for dry / damp / wet locations;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

U6 Series NFC Programmable LED Driver



Features

- ▶ Input voltage range: 176~264Vac;
- ▶ Constant power design;
- ▶ NFC programmable;
- ▶ External NTC;
- ▶ DALI-2 & Timer dimming;
- ▶ Output lumen compensation;
- ▶ Suitable for Class I and Class II luminaires;
- ▶ Auxiliary power supply: 24V/250mA;
- ▶ Surge protection: 6KV DM, CM 10KV;
- ▶ Multiple protection: SCP, OVP, OTP;
- ▶ Complies with zhaga interface specification book 13;
- ▶ Degrees of protection: IP20;
- ▶ 7 Years warranty.

Application

- ▶ LED street lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (V)	Full power current 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%	0.98	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

42W/60W Programmable LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant current design, outputs programmable;
- ▶ Flicker free (optional) ;
- ▶ 3 in 1 dimming mode: 0-10V, PWM, Timer control;
- ▶ THD<10%;
- ▶ Multiple protection: OVP/SCP/OTP;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ 440Vac input OVP is optional;
- ▶ Degrees of protection: IP67;
- ▶ 5 years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range(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



Input OVP LED Driver

Product Selection Guide

Model	Power (W)	Output voltage range (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-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



Features

- ▶ Input voltage range: 108 ~ 305Vac;
- ▶ Constant current design;
- ▶ THD<10%;
- ▶ Surge protection: DM 4KV, CM 6KV;
- ▶ Multiple protection: Input OVP/Output OVP/SCP/OTP;
- ▶ 440Vac Input OVP is optional;
- ▶ Degrees of protection: IP67;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Programmable LED Driver with Dim-to-off



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, outputs programmable;
- ▶ Built-in 3-in-1 dimming and auto-react: 0-10Vdc, PWM, Timer dimming, dim-to-off;
- ▶ Can be with virtual midnight, output lumen compensation;
- ▶ Equipped with interactive visual software to customize output setting;
- ▶ DALI control is optional;
- ▶ 12V/0.3A auxiliary power supply is optional;
- ▶ Output is isolated with dimming signal;
- ▶ Stand-by power consumption <0.5W;
- ▶ Multiple protection: SCP / OVP/OTP;
- ▶ Surge protection: DM 5KV, CM 10KV;
- ▶ Degrees of protection: IP67;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LUP-075X041Y*	75	20~41	0.27~2.68	1.83~2.68	20~36V/2.10A	87%	0.95	178*68*43.5
LUP-075X062Y	75	20~62	0.19~1.88	1.21~1.88	20~54V/1.40A	87%	0.95	178*68*43.5
LUP-075X141Y	75	60~141	0.11~1.10	0.53~1.10	60~107V/0.70A	87%	0.96	178*68*43.5
LUP-120X041Y	120	20~41	0.43~4.29	2.93~4.29	20~36V/3.33A	90%	0.96	217*68*43.5
LUP-120X062Y	120	20~62	0.30~3.00	1.93~3.00	20~48V/2.50A	90%	0.96	217*68*43.5
LUP-120X170Y	120	60~170	0.14~1.40	0.70~1.40	60~114V/1.05A	91%	0.96	217*68*43.5
LUP-120X305Y	120	120~305	0.07~0.70	0.40~0.70	120~171V/0.70A	91%	0.96	217*68*43.5
LUP-150X036Y	150	20~36	0.54~5.36	4.17~5.36	20~36V/4.17A	90%	0.96	217*68*43.5
LUP-150X054Y	150	20~54	0.42~4.20	2.80~4.20	20~48V/3.13A	90%	0.96	217*68*43.5
LUP-150X120Y	150	60~120	0.21~2.10	1.25~2.10	60~107V/1.40A	90%	0.96	217*68*43.5
LUP-150X214Y	150	80~214	0.11~1.10	0.70~1.10	80~143V/1.05A	90%	0.96	217*68*43.5
LUP-150X335Y	150	176~335	0.07~0.70	0.45~0.70	176~214V/0.70A	91%	0.96	217*68*43.5
LUP-200X041Y	200	20~41	0.70~7.00	4.88~7.00	20~36V/5.56A	90%	0.96	247*68*43.5
LUP-200X062Y	200	20~62	0.50~5.00	3.23~5.00	20~48V/4.17A	92%	0.96	247*68*43.5
LUP-200X445Y	200	230~445	0.07~0.70	0.45~0.70	230~286V/0.70A	92%	0.96	247*68*43.5
LUP-240X041Y	240	20~41	0.75~7.50	5.86~7.50	20~36V/6.70A	91%	0.96	247*68*43.5
LUP-240X062Y	240	20~62	0.52~5.20	3.87~5.20	20~48V/5.00A	92%	0.96	247*68*43.5
LUP-240X180Y	240	80~180	0.21~2.10	1.33~2.10	80~170V/1.40A	92%	0.96	247*68*43.5
LUP-240X368Y	240	190~368	0.11~1.10	0.65~1.10	190~228V/1.05A	93%	0.96	247*68*43.5

Note: 1. X=M, Programmable output with 0-10V/PWM/Timer dimming;
 X=R, Programmable output with timer dimming;
 X=D, DALI dimming.
 2. Y=A12, output with 12V/0.3A auxiliary power supply.

Class II DALI Programmable LED Driver



Features

- ▶ Universal input voltage: 90 ~ 305Vac;
- ▶ Constant power design, outputs programmable;
- ▶ Can be with virtual midnight, output lumen compensation;
- ▶ Equipped with interactive visual software to customize output setting;
- ▶ Dimming; DALI-2 & Timer dimming;
- ▶ Output is isolated with dimming signal;
- ▶ Multiple protection: SCP / OVP/OTP;
- ▶ Surge protection: DM 5KV;
- ▶ Degrees of protection: IP67;
- ▶ 5 Years warranty.

Application

- ▶ LED street lighting, industrial lighting, and landscape lighting.

Product Selection Guide

Model	Power (W)	Output voltage range (Vdc)	Output current adjustable range (A)	Full power current adjustable range (A)	Default output spec	Typ. Eff.	Typ. PF	Dimensions (L*W*H)mm
LCP-075D041	75	20~41	0.27~2.68	1.83~2.68	20~36V/2.10A	87%	0.95	178*68*43.5
LCP-075D062	75	20~62	0.19~1.88	1.21~1.88	20~54V/1.40A	87%	0.95	178*68*43.5
LCP-075D141	75	60~141	0.11~1.10	0.53~1.10	60~107V/0.70A	87%	0.96	178*68*43.5
LCP-120D041	120	20~41	0.43~4.29	2.93~4.29	20~36V/3.33A	90%	0.96	217*68*43.5
LCP-120D062	120	20~62	0.30~3.00	1.93~3.00	20~48V/2.50A	90%	0.96	217*68*43.5
LCP-120D170	120	60~170	0.14~1.40	0.70~1.40	60~114V/1.05A	91%	0.96	217*68*43.5
LCP-120D305	120	120~305	0.07~0.70	0.40~0.70	120~171V/0.70A	91%	0.96	217*68*43.5
LCP-150D036	150	20~36	0.54~5.36	4.17~5.36	20~36V/4.17A	90%	0.96	217*68*43.5
LCP-150D054	150	20~54	0.42~4.20	2.80~4.20	20~48V/3.13A	90%	0.96	217*68*43.5
LCP-150D120	150	60~120	0.21~2.10	1.25~2.10	60~107V/1.40A	90%	0.96	217*68*43.5
LCP-150D214	150	80~214	0.11~1.10	0.70~1.10	80~143V/1.05A	90%	0.96	217*68*43.5
LCP-150D335	150	176~335	0.07~0.70	0.45~0.70	176~214V/0.70A	91%	0.96	217*68*43.5
LCP-200D041	200	20~41	0.70~7.00	4.88~7.00	20~36V/5.56A	90%	0.96	247*68*43.5
LCP-200D062	200	20~62	0.50~5.00	3.23~5.00	20~48V/4.17A	92%	0.96	247*68*43.5
LCP-200D445	200	230~445	0.07~0.70	0.45~0.70	230~286V/0.70A	92%	0.96	247*68*43.5
LCP-240D041	240	20~41	0.75~7.50	5.86~7.50	20~36V/6.70A	91%	0.96	247*68*43.5
LCP-240D062	240	20~62	0.52~5.20	3.87~5.20	20~48V/5.00A	92%	0.96	247*68*43.5
LCP-240D180	240	80~180	0.21~2.10	1.33~2.10	80~170V/1.40A	92%	0.96	247*68*43.5
LCP-240D368	240	190~368	0.11~1.10	0.65~1.10	190~228V/1.05A	93%	0.96	247*68*43.5