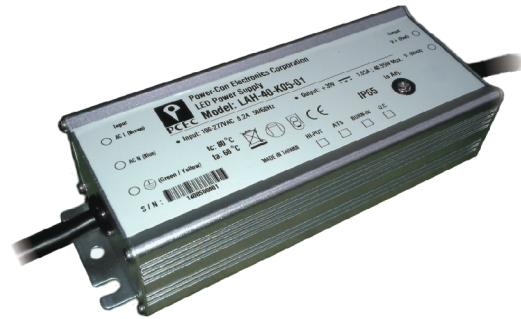


40W LAH-40 Series High Efficiency LED Power Supply

Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.96, @ max. load.
- ▶ Efficiency up to 91%.
- ▶ THD<15% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP65 / IP67 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.



- ▶ Other optional function: DALI.
- ▶ Free air cooling.
- ▶ 5 years warranty.

CB CE cULus FCC IP65/IP67

Specifications

Input	Voltage rating	100~277Vrms ±10% (90~305Vrms)
	Power factor (Typ.)	PF > 0.96 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 60A at 230Vrms
Environment	Operating temperature	- 25°C~+70°C (refer to output derating curve)
EMC & Safety	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	UL8750, CSA C22.2 No.60950-1-07, IEC61347-1, IEC61347-2-13, independent IP65 or IP67, design refer to UL60950-1
	EMC standards	FCC part 15, EN55015, IEC61000-3-2 Class C, EN61000-3-2, -3-3, -4-2,3,4,5,6,8,11, EN61547, IEC55024, IEC62493:2009
Cable	Input wire	(UL) SJTW 18AWGx3C (30cm)
	Output wire	Type 0, A, D & S: (UL) SJTW 18 AWG×2C (30cm) Type B: (UL) SJTW 18 AWG×2C (30cm) + SJTW 18 AWG×2C (30cm)
Mechanical	Dimension/weight	169 (L) x 63 (W) x 40 (H) mm, Weight : 740 gram

Model Listing

Model	Rating output power	Constant Current Mode		Constant Voltage Mode			Efficiency
		I-Adjust	Range of output voltage	Output current	V-Adjust	Range of output current	
LAH-40-350-XY	40W	210~350mA	58~115V	350mA	58~115V	210~350mA	91%
LAH-40-700-XY	40W	420~700mA	29~58V	700mA	29~58V	420~700mA	90.5%
LAH-40-K05-XY	40W	630~1050mA	20~39V	1050mA	20~39V	630~1050mA	90%

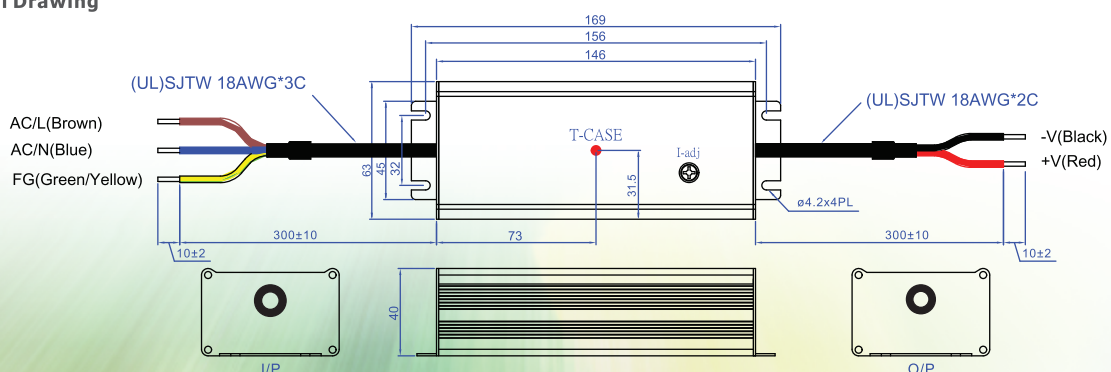
X: type of output wire, 0, A, B, D, S

0= IP67 rated; A= IP65 rated (V-Adjustable and I-Adjustable); B= IP67 rated and built-in 3 in 1 dimming;

D= IP67 rated and Timer dimming; S= IP67 rated and Smart Count Time dimming.

Y: Blank, 0-9, A-Z (market purpose, factory specified)

Dimensional Drawing



75W LAH-75 Series High Efficiency LED Power Supply

Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.96, @ max. load.
- ▶ Efficiency up to 91.5%.
- ▶ THD<15% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP65 / IP67 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.



- ▶ Other optional function: DALI.
- ▶ Free air cooling.
- ▶ 5 years warranty.

CB CE cULus FC IP65/IP67

Specifications

Input	Voltage rating	100~277Vrms $\pm 10\%$ (90~305Vrms)
	Power factor (Typ.)	PF > 0.96 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 60A at 230Vrms
Environment	Operating temperature	- 25°C~+70°C (refer to output derating curve)
EMC & Safety	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	UL8750, CSA C22.2 No.60950-1-07, IEC61347-1, IEC61347-2-13, independent IP65 or IP67, design refer to UL60950-1
	EMC standards	FCC part 15, EN55015, IEC61000-3-2 Class C, EN61000-3-2, -3-3, -4-2,3,4,5,6,8,11, EN61547, IEC55024, IEC62493:2009
Cable	Input wire	(UL) SJTW 18AWGx3C (30cm)
	Output wire	Type 0, A, D & S: (UL) SJTW 18 AWGx2C (30cm) Type B: (UL) SJTW 18 AWGx2C (30cm) + SJTW 18 AWGx2C (30cm)
Mechanical	Dimension/weight	169 (L) x 63 (W) x 40 (H) mm, Weight : 740 gram

Model Listing

Model	Rating output power	Constant Current Mode		Constant Voltage Mode			Efficiency
		I-Adjust	Range of output voltage	Output current	V-Adjust	Range of output current	
LAH-75-350-XY	75W	210~350mA	108~215V	350mA	108~215V	210~350mA	91.5%
LAH-75-700-XY	75W	420~700mA	54~108V	700mA	54~108V	420~700mA	91.5%
LAH-75-K05-XY	75W	630~1050mA	36~72V	1050mA	36~72V	630~1050mA	91.5%

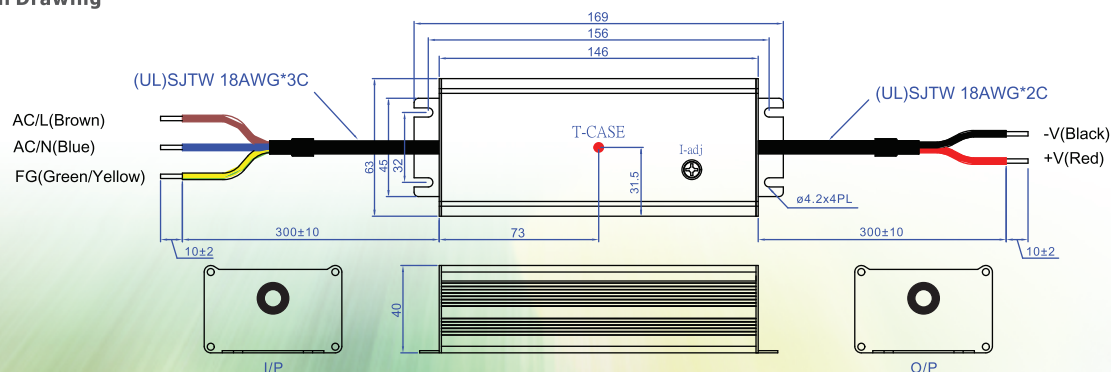
X: type of output wire, 0, A, B, D, S

0= IP67 rated; A= IP65 rated (V-Adjustable and I-Adjustable); B= IP67 rated and built-in 3 in 1 dimming;

D= IP67 rated and Timer dimming; S= IP67 rated and Smart Count Time dimming.

Y: Blank, 0-9, A-Z (market purpose, factory specified)

Dimensional Drawing



108W LAH-108 Series High Efficiency LED Power Supply

Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.95, @ max. load.
- ▶ Efficiency up to 90%.
- ▶ THD<20% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP65 / IP67 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.



- ▶ Free air cooling.
- ▶ 5 years warranty.

CB CE cULus FCC IP65/IP67

Specifications

Input	Voltage rating	100~277Vrms $\pm 10\%$ (90~305Vrms)
	Power factor (Typ.)	PF > 0.95 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 60A at 230Vrms
Environment	Operating temperature	- 40°C~+55°C
EMC & Safety	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	UL8750, CSA C22.2 No.60950-1-07, IEC61347-1, IEC61347-2-13, independent IP65 or IP67, design refer to UL60950-1
	EMC standards	FCC part 15, EN55015, IEC61000-3-2 Class C, EN61000-3-2, -3-3, -4-2,3,4,5,6,8,11, EN61547, IEC55024, IEC62493:2009
Cable	Input wire	(UL) SJTW 18AWGx3C (30cm)
	Output wire	Type 0, A, D & S: (UL) SJTW 18 AWGx2C (30cm) Type B: (UL) SJTW 18 AWGx2C (30cm) + SJTW 18 AWGx2C (30cm)
Mechanical	Dimension	138 (L) x 68 (W) x 39 (H) mm

Model Listing

Model	Rating output power	Constant Current Mode		Constant Voltage Mode			Efficiency
		I-Adjust	Range of output voltage	Output current	V-Adjust	Range of output current	
LAH-108-350-XY	108W	175~350mA	162~308V	350mA	162~308V	175~350mA	90%
LAH-108-500-XY	108W	250~500mA	114~216V	500mA	114~216V	250~500mA	90%
LAH-108-700-XY	108W	350~700mA	81~154V	700mA	81~154V	350~700mA	90%
LAH-108-K05-XY	108W	525~1050mA	54~103V	1050mA	54~103V	525~1050mA	90%
LAH-108-K40-XY	108W	700~1400mA	41~77V	1400mA	41~77V	700~1400mA	90%

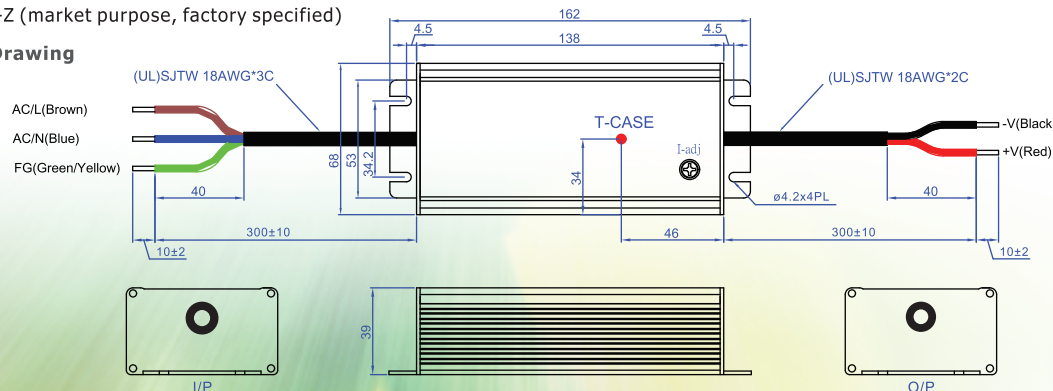
X: type of output wire, 0, A, B, D, S

0= IP67 rated; A= IP65 rated (V-Adjustable and I-Adjustable); B= IP67 rated and built-in 3 in 1 dimming;

D= IP67 rated and Timer dimming; S= IP67 rated and Smart Count Time dimming.

Y: Blank, 0-9, A-Z (market purpose, factory specified)

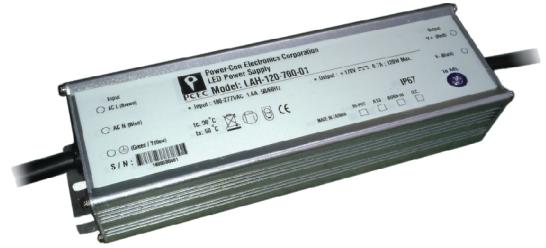
Dimensional Drawing



120W LAH-120 Series High Efficiency LED Power Supply

Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.95, @ max. load.
- ▶ Efficiency up to 90%.
- ▶ THD<15% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP65 / IP67 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.



- ▶ Other optional function: DALI.
- ▶ Free air cooling.
- ▶ 5 years warranty.

CE IP65/IP67

Specifications

Input	Voltage rating	100~277Vrms $\pm$ 10% (90~305Vrms)
	Power factor (Typ.)	PF > 0.95 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 50A at 230Vrms
Environment	Operating temperature	- 25°C~+70°C (refer to output derating curve)
EMC & Safety	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	UL8750, CSA C22.2 No.60950-1-07, IEC61347-1, IEC61347-2-13, independent IP65 or IP67, design refer to UL60950-1
	EMC standards	FCC part 15, EN55015, IEC61000-3-2 Class C, EN61000-3-2, -3-3, -4-2,3,4,5,6,8,11, EN61547, IEC55024, IEC62493:2009
Cable	Input wire	(UL) SJTW 16AWGx3C (30cm)
	Output wire	Type 0, A, D & S: (UL) SJTW 16 AWGx2C (30cm) Type B: (UL) SJTW 16 AWGx2C (32cm) + SJTW 16 AWGx2C (32cm)
Mechanical	Dimension/weight	217.6 (L) x 63 (W) x 40 (H) mm, Weight : 960 gram

Model Listing

Model	Rating output power	Constant Current Mode		Constant Voltage Mode			Efficiency
		I-Adjust	Range of output voltage	Output current	V-Adjust	Range of output current	
LAH-120-350-XY	120W	175~350mA	170~340V	350mA	170~340V	175~350mA	90%
LAH-120-500-XY	120W	250~500mA	120~240V	500mA	120~240V	250~500mA	90%
LAH-120-700-XY	120W	350~700mA	60~170V	700mA	60~170V	350~700mA	91%
LAH-120-K05-XY	120W	525~1050mA	60~115V	1050mA	60~115V	525~1050mA	91%
LAH-120-K40-XY	120W	700~1400mA	42~85V	1400mA	42~85V	700~1400mA	91%

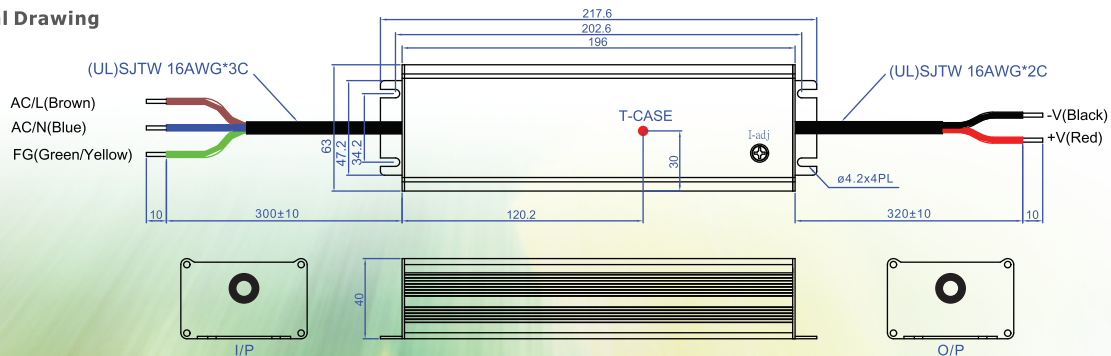
X: type of output wire, 0, A, B, D, S

0= IP67 rated; A= IP65 rated (V-Adjustable and I-Adjustable); B= IP67 rated and built-in 3 in 1 dimming;

D= IP67 rated and Timer dimming; S= IP67 rated and Smart Count Time dimming.

Y: Blank, 0-9, A-Z (market purpose, factory specified)

Dimensional Drawing



150W LAH-150 Series High Efficiency LED Power Supply

Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.96, @ max. load.
- ▶ Efficiency up to 92%.
- ▶ THD<15% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP65 / IP67 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.



- ▶ Other optional function: DALI.
- ▶ Free air cooling.
- ▶ 5 years warranty.

CE IP65/IP67

Specifications

Input	Voltage rating	100~277Vrms ±10% (90~305Vrms)
	Power factor (Typ.)	PF > 0.96 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 50A at 230Vrms
Environment	Operating temperature	- 25°C~+70°C (refer to output derating curve)
EMC & Safety	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	UL8750, CSA C22.2 No.60950-1-07, IEC61347-1, IEC61347-2-13, independent IP65 or IP67, design refer to UL60950-1
	EMC standards	FCC part 15, EN55015, IEC61000-3-2 Class C, EN61000-3-2, -3-3, -4-2,3,4,5,6,8,11, EN61547, IEC55024, IEC62493:2009
Cable	Input wire	(UL) SJTW 16AWGx3C (30cm)
	Output wire	Type 0, A, D & S: (UL) SJTW 16 AWG×2C (30cm) Type B: (UL) SJTW 16 AWG×2C (32cm) + SJTW 16 AWG×2C (32cm)
Mechanical	Dimension/weight	217.6 (L) x 63 (W) x 40 (H) mm, Weight : 960 gram

Model Listing

Model	Rating output power	Constant Current Mode		Constant Voltage Mode			Efficiency
		I-Adjust	Range of output voltage	Output current	V-Adjust	Range of output current	
LAH-150-350-XY	150W	175~350mA	215~430V	350mA	215~430V	175~350mA	92%
LAH-150-500-XY	150W	250~500mA	150~300V	500mA	150~300V	250~500mA	92%
LAH-150-700-XY	150W	350~700mA	60~210V	700mA	60~210V	350~700mA	92%
LAH-150-K05-XY	150W	525~1050mA	74~148V	1050mA	74~148V	525~1050mA	92%
LAH-150-K40-XY	150W	700~1400mA	54~108V	1400mA	54~108V	700~1400mA	92%

X: type of output wire, 0, A, B, D, S

0= IP67 rated; A= IP65 rated (V-Adjustable and I-Adjustable); B= IP67 rated and built-in 3 in 1 dimming;

D= IP67 rated and Timer dimming; S= IP67 rated and Smart Count Time dimming.

Y: Blank, 0-9, A-Z (market purpose, factory specified)

Dimensional Drawing

