



POWER SUPPLY CATALOGUE 2026





“Our strengths lie in electronic design and manufacturing capabilities.”

An one-stop power supply solution provider”

About Us

ZHUHAI JINBO KECHUANG ELECTRONICS CO., LTD (in short: JINBO) was founded in 1993, covers 10,000 square meters production plant, two sub-factories and 350 employees. Equipped with Automatic Production Line, Automatic Soldering Soldering Machine and EMC testing laboratory...etc., we are producing 3,000,000 pcs of various power supplies & controller for LED lighting and signage annually.

Quality is always the most important issue for a manufacturing factory like us, we comprehend and fulfill it well into our entire production process: In aspect of production process: Conducting 6 Sigma and ISO9001 quality control system, which help us to reduce the defective rate during the production, and also improve the performing stability while the power supplies are working behind your lighting fixture. In aspect of raw materials selection and supplying: we are located in downtown of ZHUHAI city, Guangdong Province, China, wherewith highly developed supply chains of various electronic components and hardware parts, by 20 years experienced & skilled purchasing and excellent cooperative relationship with raw material suppliers, we always on priority at our materials partners which enables the shortest lead time and help our clients to catch every sales opportunity. In aspect of inspection: each of our power supply to pass 5 inspections before we deliver to customers, 100% burn-in test.

With mature R&D technology and high production capabilities, we eager to be your reliable option of power supplies and hope to build a long term partnership with together.

Our Advantages

- Experienced in LED and sign power industry for 12 years. Independent Export/import licensed factory.
- As a famous brand in China local market, most export models have been quality proven in China national market.
- Operating 3 factories: produce LED Power Supply, LED driver and other accessories.
- All always have stock for regular models, very fast delivery.



Universal Approvals



High Power Factor
PF(λ)>0.95 **IP67** **ISO: 9001**
Waterproof

Qualification and History



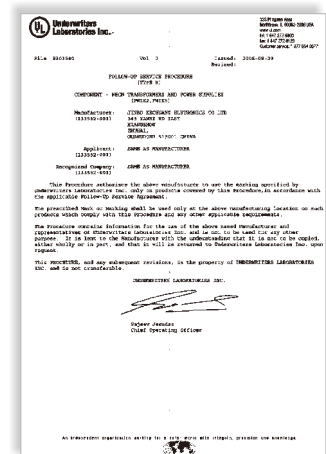
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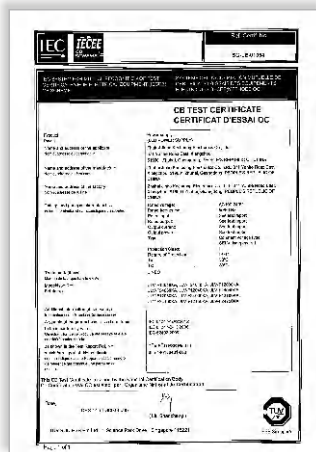
TUV MARK



GS for Germany



UL Listing for USA



IEC: CB



ISO: 9001



UKCA

*Certificates for other countries are available as well, please consult with our sales department

Brief History

- 2025 New laboratory Equipped, R&D space & facilities enhanced.
- 2022 The self-owned modern factory and laboratory construction completed.
- 2019 Started to build new manufacturing base.
- 2016 Oversea distribution partners reaches 30.
- 2014 Universal Approval Series launched.
- 2010 New R&D Center established for LED drivers specially.
- 2007 Started to develop LED drivers and power supplies.
- 2005 Started to produce Switching Mode Power Supplies.
- 2001 No. 1 manufacturer in China for high-voltage transformers for neon.
- 1994 Engaged in design and manufacturing electronic transformers.
- 1993 Company Founded.

Milestone



PowerMax program
launched on Dec. 2015

LED Power Supply (LED Driver)

Constant Voltage

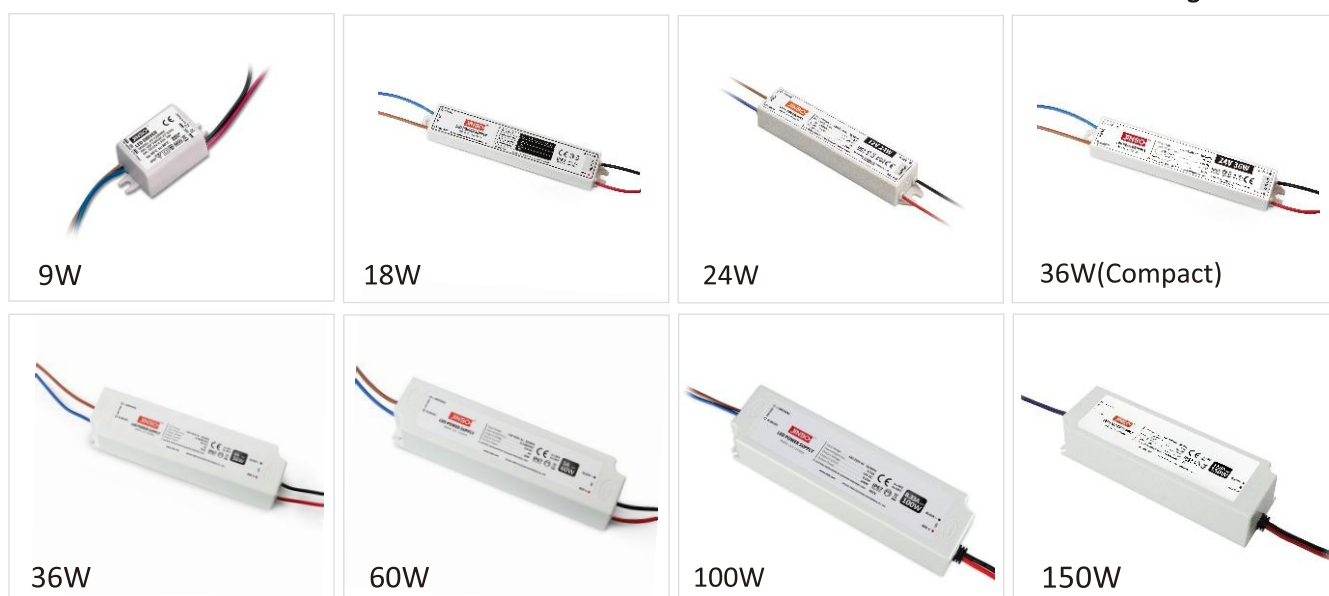
WATERPROOF



Features:

- Plastic Housing, LPV standards
- Easy Installation, GND leads free
- Suer Cooling design, long life span
- Overload, Short-Circuit protection
- Proven reliable quality

Plastic Housing LPV Series



Model	Input Range	Output	Wattage	IP Rating	Weight and Dimension
JLV-12009PA	100-250V	12V/24V 0.75A/0.375A	9W	IP67	35g, 52*26*21mm
JLV-12018PA	100-250V	12V/24V 1.5A/0.63A	18W	IP67	155g 162*29*21mm
JLV-12024PA-W	180-250V	12V/24V 2A/1A	24W	IP67	135g 142*29*21mm
JLV-12036PA-W	180-250V	12V/24V 3A/1.5A	36W	IP67	155g 162*29*21mm
JLV-12036PA	100-250V	12V/24V 3A/1.5A	36W	IP67	280g 148*40*30mm
JLV-12060PA	100-250V	12V/24V 5A/2.5A	60W	IP67	360g 166*42*34mm
JLV-12100PA	100-250V	12V/24V 8.33A/4.17A	100W	IP67	640g 190*52*37mm
JLV-12150PA	180-250V	12V/24V 12.5A/6.25A	150W	IP67	800g 190*63*37mm

LED Power Supply (LED Driver)

Constant Voltage

WATERPROOF



120V version available upon request

High Power Factor
PF(λ)>0.95



EN 61347-1:2024
EN 61347-2-13:2024
EN 62493: 2015+A1:2022
EN 55015: 2019+A11:2020
EN 61547: 2023
EN 61000-3-2: 2019+A1:2021+A2:2024
EN 61000-3-3: 2013+A1:2019+A2:2021



Features:

- Plastic Housing, LPV standards
- Easy Installation, GND leads free
- Suer Cooling design, long life span
- Overload, Short-Circuit protection
- Proven reliable quality

Plastic Housing LPV Series
Ultra-Slim 16.3mm thickness

Model	Advantages	Input Range	Output	Wattage	IP Rating	Weight and Dimension
JLV-12015P-W	* Plastic housing * 12mm thickness	200-250V	12V/24V 1.25A/0.75A	15W	IP30	67g 127*50*12mm
JLV-12024PA-E	* Plastic housing * 16.3mm thickness	200-250V	12V/24V 2A/1A	24W	IP67	110g 110*40*16.3mm
JLV-12036PA-E	* Plastic housing * PF>0.95 * 16.3mm thickness	200-250V	12V/24V 3A/1.5A	36W	IP67	170g 170*40*16.3mm
JLV-12060PA-E	* Plastic housing * PF>0.95 * 16.3mm thickness	200-250V	12V/24V 5A/2.5A	60W	IP67	230g 170*50*16.3mm
JLV-12100PA-E	* Plastic housing * PF>0.95 * 16.3mm thickness	200-250V	12V/24V 5A/2.5A	100W	IP67	320g 210*50*16.3mm

*36V & 48V are available subject to request

LED Power Supply (LED Driver)

Constant Voltage

WATERPROOF



Class2



Features:

- Plastic Housing, LPV standards
- Easy Installation, GND leads free
- Suer Cooling design, long life span
- Overload, Short-Circuit protection
- Proven reliable quality

Plastic Housing LPV Series
Ultra-Slim 16.3mm thickness

High Power Factor
PF(λ)>0.95

For Europe & Asia



Model	Features	Input Volts (AC)	Output Amp. (DC)	Watts	Protection	IP Rating	Dimension
JLV-12024PA-EF	* Plastic housing * PF>0.95	200~240V	12V/24V 2A/1A	24W	Overload / short circuit protection	IP44	155x55x16.5 mm
JLV-12036PA-EF	* Plastic housing * PF>0.95	200~240V	12V/24V 3A/1.5A	36W	Overload / short circuit protection	IP44	155x55x16.5 mm
JLV-12045PA-EF	* Plastic housing * PF>0.95	200~240V	12V/24V 3.75A/1.75A	45W	Overload / short circuit protection	IP44	185x55x16.5 mm
JLV-12060PA-EF	* Plastic housing * PF>0.95	200~240V	12V/24V 5A/2.5A	60W	Overload / short circuit protection	IP44	185x55x16.5 mm
JLV-12100PA-EF	* Plastic housing * PF>0.95	200~240V	12V/24V 8.33A/4.17A	100W	Overload / short circuit protection	IP44	220x68x18 mm

For USA & Canada



Model	Features	Input Volts (AC)	Output Amp. (DC)	Watts	Protection	IP Rating	Dimension
JLV-12024PA-UF	* Plastic housing * FCC	90-130V	12V/24V 2A/1A	24W	Overload / short circuit protection	IP44	135x55x16.5 mm
JLV-12036PA-UF	* Plastic housing * FCC	90-130V	12V/24V 3A/1.5A	36W	Overload / short circuit protection	IP44	135x55x16.5 mm
JLV-12045PA-UF	* Plastic housing * FCC	90-130V	12V/24V 3.75A/1.75A	45W	Overload / short circuit protection	IP44	185x55x16.5 mm
JLV-12060PA-UF	* Plastic housing * FCC	90-130V	12V/24V 5A/2.5A	60W	Overload / short circuit protection	IP44	185x55x16.5 mm
JLV-12100PA-UF	* Plastic housing * FCC	90-130V	12V/24V 8.33A/4.17A	100W	Overload / short circuit protection	IP44	220x68x18 mm



SELV

Full Series' Thickness: 21mm (0.83")

20W-80W



20W



24W



30W



36W



45W

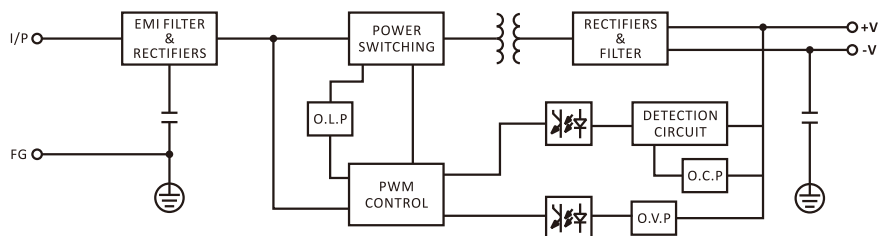


60W



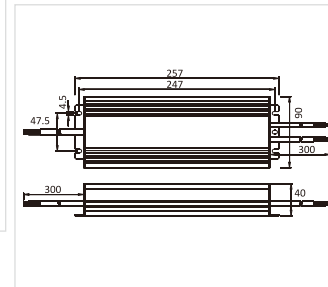
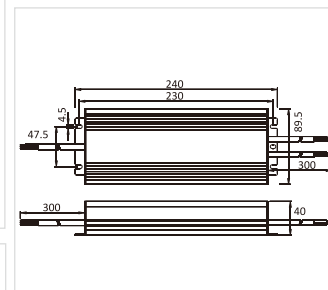
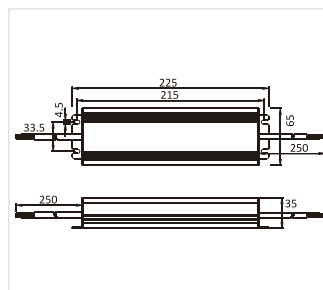
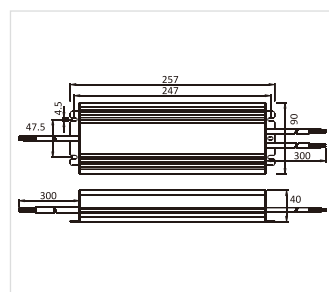
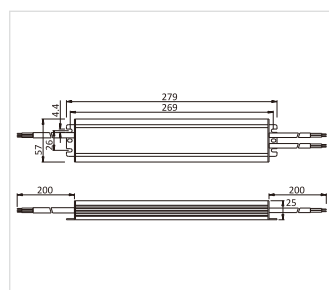
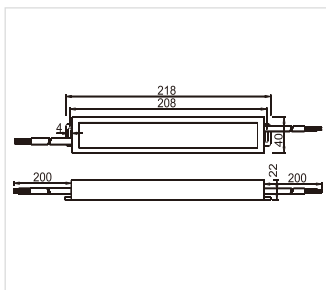
80W

Block Diagram



Model	Advantages	Input Voltage	Output	Wattage	IP Rating	Weight and Dimension
JLV-12020KA JLV-24020KA	* Aluminium housing * Compact Profile	180-250V	12V/24V 1.67A/0.83A	20W	IP67	130g 140*29*21mm
JLV-12024KA-W JLV-24024KA-W	* Aluminium housing * Compact Profile	180-250V	12V/24V 2A/1A	24W	IP67	130g 140*29*21mm
JLV-12030KA-W JLV-24030KA-W	* Aluminium housing * Compact Profile	180-250V	12V/24V 2.5A/1.25A	30W	IP67	160g 162*29*21mm
JLV-12036KA-W JLV-24036KA-W	* Aluminium housing * Compact Profile	180-250V	12V/24V 3A/1.5A	36W	IP67	160g 162*29*21mm
JLV-12045KA-W JLV-24045KA-W	* Aluminium housing * Reduced Profile	180-250V	12V/24V 3.75A/1.75A	45W	IP67	220g 190*29*21mm
JLV-12060KA-W JLV-24060KA-W	* Aluminium housing * Slim & Flat profile	180-250V	12V/24V 5A/2.5A	60W	IP67	240g 222*29*21mm
JLV-12080KA-W JLV-24080KA-W	* Aluminium housing * Flat profile	180-250V	12V/24V 6.67A/2.5A	80W	IP67	310g 182*40*22mm

100W-400W

**Features:**

- Super cool performance
- 100% full loading, 100% burn-in tested
- Super cooling design, long life span
- Overload / short-circuit protection
- Proven reliable quality

*36V & 48V are available subject to request

Model	Advantages	Input Voltage	Output	Wattage	IP Rating	Weight and Dimension
JLV-12100KA-L JLV-24100KA-L	* Aluminium housing * Flat profile	180-250V	12V/24V 8.3A/3.33A	100W	IP67	360g 218*40*22mm
JLV-12150KA-L JLV-24150KA-L	* Aluminium housing * Flat profile	180-250V	12V/24V 12.5A/6.25A	150W	IP67	680g 279*57*25mm
JLV-12200KA-L JLV-24200KA-L	* Aluminium housing * Flat profile	180-250V	12V/24V 16.6A/8.33A	200W	IP67	800g 225*65*32mm
JLV-12250KA-L JLV-24250KA-L	* Aluminium housing * Flat profile	180-250V	12V/24V 20.8A/10.4A	250W	IP67	1.8kg 252*90*45mm
JLV-12300KA-L JLV-24300KA-L	* Aluminium housing * Flat profile	190V-250V	12V/24V 25A/12.5A	300W	IP67	1580g 257*90*40mm
JLV-12360KA-L JLV-24360KA-L	* Aluminium housing * Flat profile	190V-250V	12V/24V 30A/15A	360W	IP67	1580g 257*90*40mm
JLV-12400KA-L JLV-24400KA-L	* Aluminium housing * Most Robust	190V-250V	12V/24V 33A/16.6A	400W	IP67	1650g 257*90*40mm

High Power Factor
PF(λ)>0.95IP67
Waterproof

5 YEARS WARRANTY

40W

60W

100W

150W

250W

Features

- High Efficiency & High Power Factor
- Over temperature /Overload /Short-circuit Protection
- Fully Sealed Waterproof: IP67
- Metal Case, cool & stable performance
- Universal Approvals

EN 61347-1:2024
 EN 61347-2-13:2024
 EN 62493: 2015+A1:2022
 EN 55015: 2019+A11:2020
 EN 61547: 2023
 EN 61000-3-2: 2019+A1:2021+A2:2024
 EN 61000-3-3: 2013+A1:2019+A2:2021

*36V & 48V are available subject to request
 **24W, 30W, 200W, 300W also available

Model	Advantages	Input Voltage	Output	Wattage	IP Rating	Weight and Dimension
JLV-12040KA-ES JLV-24040KA-ES	* Aluminium housing * PF>0.95	190V~250V	12V/24V 3.34A/1.67A	40W	IP67	350g 202*46*22mm
JLV-12060KA-ES JLV-24060KA-ES	* Aluminium housing * PF>0.95	190V~250V	12V/24V 5A/2.5A	60W	IP67	750g 195*65*35mm
JLV-12100KA-ES JLV-24100KA-ES	* Aluminium housing * PF>0.95	190V~250V	12V/24V 8.3A/4.17A	100W	IP67	750g 205*65*35mm
JLV-12150KA-ES JLV-24150KA-ES	* Aluminium housing * PF>0.95	190V~250V	12V/24V 12.5A/6.25A	150W	IP67	870g 225*65*35mm
JLV-12250KA-ES JLV-24250KA-ES	* Aluminium housing * PF>0.95	190V~250V	12V/24V 20.8A/10.4A	250W	IP67	1490g 250*90*40mm

IP67
Waterproof

Class 2

Universal Approvals Series

UL LISTED FOR USA & CANADA

24W/36W/60W/100W

(Pending)

Ultra-Slim 16.3mm thickness

**Features**

- High Efficiency
- Over temperature /Overload /Short-circuit Protection
- Wide Input Range
- Fully Sealed Waterproof: IP67
- Metal Case, cool & stable performance
- UL Listed for both USA and CANADA

**UL Listed
Standards
UL 8750
UL 1310**

Specification		JLV-12024PA-U	JLV-12036PA-U	JLV-12060PA-U
OUTPUT	Rated Current	2A	3A	5A
	DC Voltage	12V	12V	12V
	Rated Power	24W	36W	60W
	Ripple & Noise	<200mVp-p	<200mVp-p	<200mVp-p
	Voltage Tolerance	0.5V	0.5V	0.5V
	Line Regulation	1%	1%	1%
	Load Regulation	1%	1%	1%
	Setup Time	1500ms/110VAC	1500ms/110VAC	1500ms/110VAC
	24V Version	Under Development		
INPUT	Input Voltage Range	100-130V	100-130V	100-130V
	Input Frequency Range	47-63/Hz	47-63/Hz	47-63/Hz
	Efficiency (Typ.)	>87%	>87%	>87%
	AC Current	0.37A	0.54A	0.105A
	Leakage Current	3mA/110VAC	3mA/110VAC	3mA/110VAC
SAFETY & PROTECTION	IP Grade	IP67	IP67	IP67
	Over Current Protection	Yes, voltage drop, restart after abnormal loading removed		
	Short Circuit Protection	Yes, cut-off, with automatic restart while short circuit removed		
	Withstand Voltage	I/P-O/P:3KVACI/P-FG:1.88KVAC O/PFG:0.5KVAC		
	Insulation Resistance	I/PO/P:100MOhms/500VDC/25C/70%RH		
ENV	Working Temperature	-25°C~50°C	-25°C~50°C	-25°C~50°C
	Working Humidity	20~99%RH	20~99%RH	20~99%RH
	Storage Temp.	-40°C~70°C	-40°C~70°C	-40°C~70°C
	Storage Humidity	10~99%RH	10~99%RH	10~99%RH
PACKAGING	Dimension(L*W*H)	100*40*16.3mm	170*40*16.3mm	170*50*16.3mm
	Net Weight/PC	100g	150g	180g
	Packing(PCS/Carton)	100 PCS	80 PCS	50 PCS
	Gross Weight/Carton(KGS)	10.5 KG	12.8 KG	10.5 KG

Universal Approvals Series

UL LISTED FOR USA & CANADA



30W /60W /100W /120W /150W



Features

- High Efficiency
- Over temperature /Overload /Short-circuit Protection
- Wide Input Range
- Fully Sealed Waterproof: IP67
- Metal Case, cool & stable performance
- UL Listed for both USA and CANADA

**UL Listed
Standards
UL 8750
UL 1310**

Specification		JLV-12030KA-U	JLV-12060KA-US	JLV-12100KA-US	JLV-12120KA-US	JLV-12150KA-US
OUTPUT	Rated Current	2.5A	5A	8.33A	10A	12.5A
	DC Voltage	12V	12V	12V	12V	12V
	Rated Power	30W	60W	100W	120W	150W
	Ripple & Noise	<100mV	<100mV	<100mV	<100mV	<100mV
	Voltage Tolerance	±0.5V	±0.5V	±0.5V	±0.5V	±0.5V
	Line Regulation	±1%	±1%	±1%	±1%	±1%
	Load Regulation	±2%	±1%	±1%	±2%	±1%
	Setup Time	1000ms/230VAC	600ms/230VAC	500ms/230VAC	500ms/230VAC	500ms/230VAC
	24V Version	Only 12V Vervsion available for now				
INPUT	Input Voltage Range	100~130VAC	100~130VAC	100~130VAC	100~130VAC	100~130VAC
	Input Frequency Range	47~63HZ	47~63HZ	47~63HZ	47~63HZ	47~63HZ
	Efficiency (Typ.)	72%	82%	84%	85%	86%
	AC Current	Max. 0.4A@120V	Max. 0.8A@120V	Max. 1.3A@120V	Max. 1.5A@120V	Max. 2A@120V
	Leakage Current	5mA	5mA	5mA	5mA	5mA
SAFETY & PROTECTION	IP GRADE	IP67	IP67	IP67	IP67	IP67
	Over Current Proection	Yes, voltage drop, restart after abnormal loading removed				
	Short Circuit Protection	Yes, with automatic restart while short circuit removed				
	Over Temperature	Yes, with automatic restart after cool down				
	Withstand Voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC				
	Isolation Resistance	I/P-O/P:100M Ohms/500VDC/25°C/70%RH				
ENV	Working Temperature	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C
	Working Humidity	20~100%RH (IP67)	20~100%RH (IP67)	20~100%RH (IP67)	20~100%RH (IP67)	20~100%RH (IP67)
	Storage Temp.	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C
	Storage Humidity	10~100%RH (IP67)	10~100%RH (IP67)	10~100%RH (IP67)	10~100%RH (IP67)	10~100%RH (IP67)
PACKAGING	Dimension(L*W*H)	233*37*25mm	195*52*35mm	202*72*45mm	244*72*45mm	244*72*45mm
	Net Weight/PC	350g	700g	1kg	1.3kg	1.3kg
	Packinging (PCS/Carton)	50	20	10	10	10
	Gross Weight/Carton(KGS)	18	15	11	13	13



100-277V input, Suitable for North America

Class 2 Class P

IP67/IP68

18W-200W



Features

- High Efficiency
- Over temperature /Overload /Short-circuit Protection
- Wide Input Range
- Fully Sealed Waterproof: IP67
- Metal Case, cool & stable performance
- UL Listed for both USA and CANADA

3-5 years warranty

*18W, 40W, 50W, 80W are also available

Model	Input	Output Power (W)	Output Voltage	Output Current (A)	UL Listing	Class 2
JLV-12024KA-UW	100-277V	24	12	2	Yes	Yes
JLV-24024KA-UW	100-277V	24	24	1	Yes	Yes
JLV-12024KA-UC	100-277V	24	12	2	Yes	Yes
JLV-24024KA-UC	100-277V	24	24	1	Yes	Yes
JLV-12030KA-UW	100-277V	30	12	2.5	Yes	Yes
JLV-24030KA-UW	100-277V	30	24	1.25	Yes	Yes
JLV-12030KA-UC	100-277V	30	12	2.5	Yes	Yes
JLV-24030KA-UC	100-277V	30	24	1.25	Yes	Yes
JLV-12045KA-UW	100-277V	45	12	3.75	Yes	Yes
JLV-24045KA-UW	100-277V	45	24	1.88	Yes	Yes
JLV-12045KA-UC	100-277V	45	12	3.75	Yes	Yes
JLV-24045KA-UC	100-277V	45	24	1.88	Yes	Yes
JLV-12060KA-UW	100-277V	60	12	5	Yes	Yes
JLV-24060KA-UW	100-277V	60	24	2.5	Yes	Yes
JLV-12060KA-UC	100-277V	60	12	5	Yes	Yes
JLV-24060KA-UC	100-277V	60	24	2.5	Yes	Yes
JLV-12100KA-UC	100-277V	100	12	8.33	Yes	No
JLV-12100KA-UC-B	100-277V	100	12	4.17x2	Yes	Yes
JLV-24100KA-UC	100-277V	96	24	4	Yes	Yes
JLV-12100PA-UG	100-277V	100	12	8.33	Yes	Yes
JLV-24100PA-UG	100-277V	96	24	4.17	Yes	Yes
JLV-12100PA-UH	100-277V	100	12	8.33	Yes	Yes
JLV-24100PA-UH	100-277V	96	24	4.17	Yes	Yes
JLV-12150KA-UC	100-277V	150	12	4.17X3	Yes	Yes
JLV-12180KA-UC	100-277V	180	12	5X3	Yes	Yes
JLV-24192KA-UC	100-277V	192	24	4X3	Yes	Yes

"Never Die"

ULTRA-STABLE PERFORMANCE

- 100% full loading
- 100% tested
- 85%+ Efficiency
- <0.2% Defective Rate
- 40% Smaller Size
- Warranty Without Return



The power behind your lights

JINBO™
www.zhjb.com

Product Family:

- 220-240V input version
- 100-277V input version
- High peak power version

Classic Shape, K Series



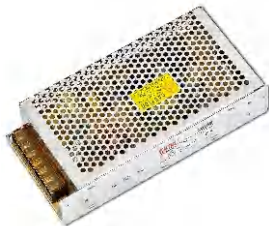
36W



60W



120W



200W



240W



360W

Model	Features & Remarks	Input Voltage (AC)	Output Current (A)	Watts	IP Rating	Dimension (mm)
JLV-12036K	Class Shape, Ultra Reliable, Endurable, Super-low working temperature	100-250V	12V/24V 3A/1.5A	36W	IP20	160g 84*58*38
JLV-12060K		100-250V	12V/24V 5A/2.5A	60W	IP20	220g 111*78*36
JLV-12100K		170-250V	12V/24V 8.33A/4.17A	100W	IP20	220g 111*78*36
JLV-12120K		170-250V	12V/24V 10A/5A	120W	IP20	400g 159*98*38
JLV-12150K		170-250V	12V/24V 12.5A/6.25	150W	IP20	420g 159*98*38
JLV-12200K		170-250V	12V/24V 16.7A/8.33A	200W	IP20	500g 199*98*38
JLV-12240K		170-250V	12V/24V 20A/10A	240W	IP20	600g 199*98*42
JLV-12360K		170-250V	12V/24V 30A/15A	360W	IP20	750g 215*115*50
JLV-12400K		170-250V	12V/24V 33.3A/16.67A	400W	IP20	770g 215*115*50

Industrial Automation Power Supply

New Generation, Flat Shape For Industrial Automation Applications



100W



250W



350W

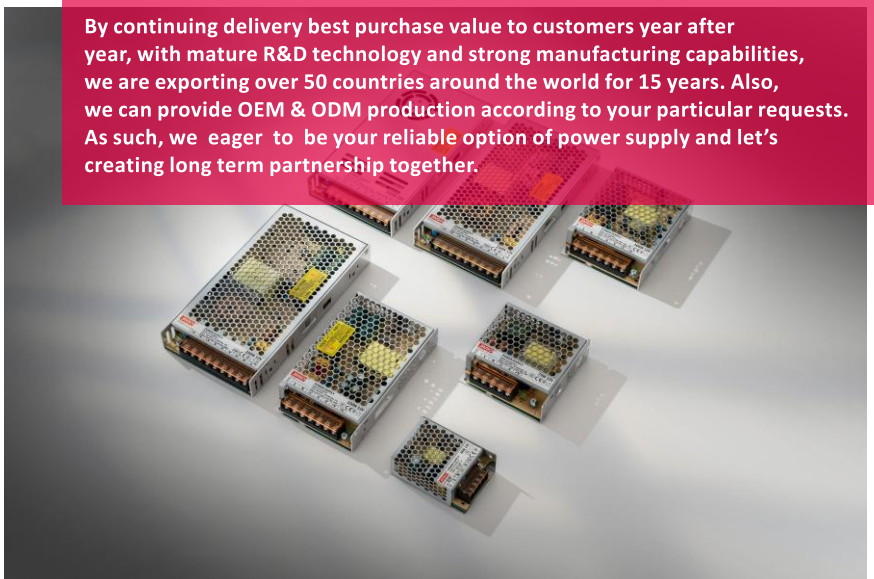
Model	Feature & Remarks	Input Voltage (AC)	Output Ampere	Wattage	IP Rating	Dimension (mm)
JLV-12075K-D	* Aluminum Housing * Flat Profile * Most Robust Type	100-250V	12V/24V 6.25A/3.13A	75W	IP20	99*82*30
JLV-12100K-D		120/230V	12V/24V 8.33A/4.17A	100W	IP20	129*97*30
JLV-12150K-D		120/230V	12V/24V 12.5A/6.25	150W	IP20	159*97*30
JLV-12200K-D		120/230V	12V/24V 16.7A/8.33A	200W	IP20	215*115*30
JLV-12250K-D		120/230V	12V/24V 20.8A/10.4A	240W	IP20	215*115*30
JLV-12350K-D		120/230V	12V/24V 29.2A/14.6A	360W	IP20	215*115*30
JLV-12450K-D		120/230V	12V/24V 37A/18.8A	450W	IP20	225*124*35

New Product Releasing

100-305V wide input Series, for 120V and 277V input area specially
Wattage Range: 60W/100W/150W/200W/240W/360W



By continuing delivery best purchase value to customers year after year, with mature R&D technology and strong manufacturing capabilities, we are exporting over 50 countries around the world for 15 years. Also, we can provide OEM & ODM production according to your particular requests. As such, we eager to be your reliable option of power supply and let's creating long term partnership together.



PowermaxTM Gen II

Technology Inside



PowermaxTM
Technology Inside

Visit zhjb.com for more info about PowerMax.

Gen II vs Gen I

PowerMax Gen II, released in 2026.
Based on Gen I's benefits, new features are:
High ambient temperature
--up to 55°C working environment, no load capacity compromise.
Fluctuating input voltage,
--170-264V and 88-265V AC input.
Long-hour operation.
--30% longer expected life span.

PowerMax Gen I, released in 2017

- Focused on stable & full-load power delivery
- Conservative design margins
- Proven topology and components
- Maximized on reliability, safety, and compliance

120W-400W



TK Series

- Terminal Connection
- Air-cooling
- Stable Performance
- Slim design for space-constrained installations



TK-AY Series

- Selectable output power via switch
- Push-in wire terminals
- Partial potting for improved heat dissipation*
- Slim design for space-constrained installations

Model	Output Voltage (DC)	Output Current (A)	Output Power (W)	Meas. (mm)	Push-in terminal version
JLV-12120TK	12V/24V	10A/5A	120W	160x47x24	Available
JLV-12150TK	12V/24V	12.5A/7.25A	150W	165x58x30	Available
JLV-12200TK	12V/24V	16.67A/8.34A	200W	185x58x30	Available
JLV-12240TK	12V/24V	20A/10A	240W	230x58x30	Available
JLV-12400TK	12V/24V	33.3A/16.67A	400W	240x58x30	Available

60W-300W



KS-AY Series

- Selectable output power via switch
- Push-in wire terminals
- Partial potting for improved heat dissipation*
- Slim design for space-constrained installations

Model	Output Voltage (DC)	Output Current (A)	Output Power (W)	Meas. (mm)	Power Adjustment	Push-in Terminals
JLV-24060KS-AY	12V/24V	24V: 2.5A	60W	200x20x20	Yes	Yes
JLV-24100KS-AY	12V/24V	24V: 4.17A	100W	230x20x20	Yes	Yes
JLV-24150KS-AY	12V/24V	24V: 6.25A	150W	230x26x24	Yes	Yes
JLV-24200KS-AY	12V/24V	24V: 8.33A	200W	250x26x24	Yes	Yes
JLV-24300KS-AY	12V/24V	24V: 12.5A	300W	280x26x24	Yes	Yes

12V version's output power reduces 30%

Super Thin Shape, KL-A Series



150W



200W



300W

Model	Features & Remarks	Input Voltage (AC)	Output Current (A)	Watts	IP Rating	Dimension (mm)
JLV-12150KL-A	Thin Shape, No Fan, Endurable, For Light Box	190-250V	12V/24V 12.5A/6.25	150W	IP20	230g 234*53*21mm
JLV-12200KL-A		190-250V	12V/24V 16.7A/8.33A	200W	IP20	290g 307*53*21mm
JLV-12300KL-A		190-250V	12V/24V 25A/12.5A	300W	IP20	380g 348*53*21mm
JLV-24350KL-A		190-250V	24V 14.58A	350W	IP20	380g 372*53*21mm

Din-Rail Type



60W



100W



150W



480W

JDR Series



240W

Model	Feature & Remarks	Input Voltage (AC)	Output Ampere	Output Power	Size (mm)
JDV-12030DR	Din-rail Power Supply for industrial usage TS35X7.5/TS3 5X15	100-250V	12V/24V 3A/1.5A	24W	35*90*58
JDV-12060DR		100-250V	12V/24V 5A/2.5A	60W	52*90*58
JDV-12100DR		100-250V	12V/24V 8.33A/4.17A	100W	70*90*58
JDV-12150DR		100-250V	12V/24V 12.5A/6.25	150W	105*90*58
JDV-12240DR		170-250V	12V/24V 12.5A/6.25	240W	129*110*41



Slim Indoor Type



Features

- High Efficiency
- Over temperature /Overload /Short-circuit Protection
- Wide Input Range
- Metal Case, cool & stable performance

SEMI-POTTING

- Anti-Moisture
- Insects Proof
- Cooling Effective

Specification		JLV-75SK-12	JLV-100SK-12	JLV-150SK-12	JLV-200SK-12	JLV-300KS-12	JLV-400SK-12
OUTPUT	Rated Current	6.25A	8.33A	12.5A	16.7A	25A	33.33A
	DC Voltage	12V	12V	12V	12V	12V	12V
	Rated Power	75W	100W	150W	200W	300W	400W
	Ripple & Noise	<200mVp-p	<200mVp-p	<200mVp-p	<200mVp-p	<200mVp-p	<200mVp-p
	Voltage Tolerance	0.5V	0.5V	0.5V	0.5V	0.5V	0.5V
	Line Regulation	1%	1%	1%	1%	1%	1%
	Load Regulation	1%	1%	1%	1%	1%	1%
	Setup Time	1500ms/230VAC	1500ms/230VAC	1500ms/230VAC	1500ms/230VAC	1500ms/230VAC	1500ms/230VAC
	24V Version	Available	Available	Available	Available	Available	Available
INPUT	Input Voltage	200-250V	200-250V	200-250V	200-250V	200-250V	200-250V
	Input Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Efficiency (Typ.)	>86%	>86%	>86%	>86%	>87%	>87%
	AC Current	230V:0.58A max.	230V:0.95A max.	230V:1.1A max.	230V:1.35A max.	230V: 2A max.	230V: 2.7A max.
	Leakage Current	3mA/230VAC	5mA/230VAC	5mA/230VAC	5mA/230VAC	5mA/230VAC	5mA/230VAC
SAFETY & PROTECTION	IP Grade	IP20	IP20	IP20	IP20	IP20	IP20
	Over Load	Yes, voltage drop, reboot after abnormal loading removed					
	Short Circuit	Yes, cut-off, with automatic restart while short circuit removed					
	Withstand Voltage	I/P-O/P:3KVACI/P-FG:1.88KVAC O/PFG:0.5KVAC					
	Insulation Resistance	I/PO/P:100MOhms/500VDC/25C/70%RH					
ENVIRON	Working Temperature	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C	-25°C~50°C
	Working Humidity	20~99%RH	20~99%RH	20~99%RH	20~99%RH	20~99%RH	20~99%RH
	Storage Temp.	-40°C~70°C	-40°C~70°C	-40°C~70°C	-40°C~70°C	-40°C~70°C	-40°C~70°C
	Storage Humidity	10~99%RH	10~99%RH	10~99%RH	10~99%RH	10~99%RH	10~99%RH
PACKAGING	Dimension(L*W*H)	142*50*23.8mm	180*50*23.8mm	209*50*23.8mm	238*50*23.8mm	230*58*30mm	240*58*30mm
	Net Weight/PC	185G	220G	265G	300G	455G	460G
	Packing(PCS/Carton)	100 PCS	50 PCS	50 PCS	50 PCS	30PCS	30PCS
	G. Weight/Carton(KGS)	20KG	14KG	15KG	16.5KG	15KG	15KG

LED Power Supply (LED Driver)

Constant Voltage

INPUT: 170~250V OUTPUT: 12V/24V DC

Rainproof Type



400W



300W



200W



500W



600W

Features:

- Rainproof metal housing suitable for outdoor use
- Super cool and stable working
- Over temperature /Overload /Short-circuit Protection
- Perfect balance on cost and performance.

Model	Features & Remarks	Input Voltage (AC)	Output Current (A)	Watts	Protection	Dimension (mm)
JLV-200M-12		190-250V	16.7A@12V	200W	Overload / short circuit	144*94*49
JLV-300M-12		190-250V	25A@12V	300W	Overload / short circuit	185*94*49
JLV-400M-12	* Rainproof * Outdoor Applicable * Semi-potting	190-250V	33.33A@12V 16.67A@24V	400W	Overload / short circuit	195*110*51
JLV-500M-12		190-250V	41.67A@12V 20.83A@24V	500W	Overload / short circuit	195*110*51
JLV-600M-12		190-250V	50A@12V 25A@24V	600W	Overload / short circuit	195*110*51

LED Power Supply (LED Driver)

Constant Voltage

Flat Shape, P-S Series

17-18cm thickness, 100-250V input



Built-in Active PFC
Flicker Free

5 YEARS WARRANTY



18W



24W



36W



45W



60W



100W

Model	Features & Remarks	Input Voltage (AC)	Output Current (A) 12V/24V	Watts	Protection	Dimension (mm)
JLV-12018P-S	Plastic housing PF>0.9 17mm thickness	100-250V	1.5A/0.75A	18W	IP20	100g 140x50x17 mm
JLV-12024P-S		100-250V	2A/1A	24W	IP20	125g 163x57x17 mm
JLV-12036P-S		100-250V	3A/1.5A	36W	IP20	125g 163x57x17 mm
JLV-12045P-S		100-250V	3.75A/1.75A	45W	IP20	160g 190x57.5x17mm
JLV-12060P-S	18mm thickness	100-250V	5A/2.5A	60W	IP20	190g 190x57.5x17mm
JLV-12100P-S		100-250V	8.33A/4.17A	100W	IP20	220g 236x57x18mm

PS-ES Series Narrow Design

Built-in Active PFC
Flicker Free



100W



150W



250W

Model	Features & Remarks	Input Voltage (AC)	Output Current (A)	Watts	Protection	Dimension (mm)
JLV-24100PS-ES	* Plastic housing * PF>0.95 * INDOOR * Narrow and Slim	200~240V	24V 4.16A	100W	IP20	210g 350*30*18mm
JLV-24150PS-ES		200~240V	24V 6.25A	150W	IP20	310g 350*30*18mm
JLV-24250PS-ES		200~240V	24V 10.42A	250W	IP20	530g 400*40*22mm

AC/DC Adapter (constant voltage)



Features:

- Plastic Housing, LPV standards
- Easy Installation, GND leads free
- Suer Cooling design, long life span
- Overload, Short-Circuit protection
- Proven reliable quality

Available Plug Types:

- EU
- UK
- SOUTH AFRICA
- USA
- CHINA

Model	Feature & Remarks	Input Voltage (AC)	Output Ampere@12V	Output Wattage	Size (mm)
JLV-12007A		100~250V	0.6A	7W	73*28*42
JLV-12012A		100~250V	1A	12W	73*28*42
JLV-12018A	* Wide input	100~250V	1.5A	18W	86*48*30
JLV-12024A	* Wall mount & Desktop type	100~250V	2A	24W	86*48*30
JLV-12036A	* Universal Plulg Optional	100~250V	3A	36W	118*50*32
JLV-12048A		100~250V	4A	48W	118*50*32
JLV-12060A		100~250V	5A	60W	118*50*32

Slim Shape Power Supply For Light box

18W-72W

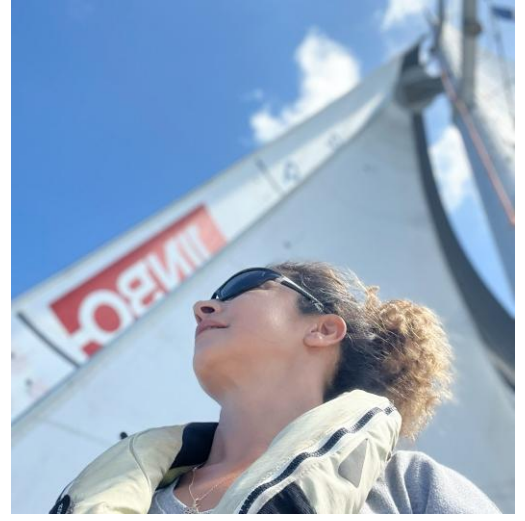


Model	Input Voltage (AC)	Output Ampere	Watts	IP Rating	Dimension (mm)
JLV-12018KP	170-250V	1.5A	18W	IP30	176*18*18
JLV-12024KP	170-250V	2A	24W	IP30	176*18*18
JLV-12036KP	170-250V	3A	36W	IP30	283*18*18
JLV-12048KP	170-250V	4A	48W	IP30	313*18*18
JLV-12060KP	170-250V	5A	60W	IP30	313*18*18
JLV-12072KP	170-250V	6A	72W	IP30	380*18*18



**2023,
JINBO co-sponsored a global sailing tour.**

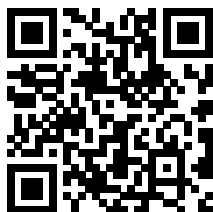
Ms. Başak Mireli is the first Turkish female sailor to cross the Atlantic ocean solo. In 2023 she launched a new challenge, sailing around the world. We are very honored to be a co-sponsor of this event. Ms. Başak Mireli's constant challenges to unknown difficulties, and the wisdom, courage and determination to overcome adverse challenges will also inspire us to be brave in our own field and keep moving forward.





The power behind your lights

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