

IO SERIES

Io AutoVolt

One driver. Two voltages.

Io AutoVolt is a single constant-voltage LED power supply that switches automatically between 12V and 24V output. Distributors stock one part number instead of two, and installers carry one unit to every 12V or 24V job.

POWER	OUTPUT
60W at 12V / 96W at 24V	12V or 24V, automatic
INPUT	RATING
100-277VAC	IP68, dry, damp and wet locations
HOUSING	WARRANTY
Aluminum	7 years



Illustration

Automatic 12V / 24V

The output voltage is selected automatically. No jumpers, dials or separate SKUs.

Half the inventory

One part number replaces a matched pair of 12V and 24V supplies on the shelf and on the truck.

7-year warranty

Backed by the longest warranty in the Jovian Power range.

Patent pending

The change-over control circuit is covered by a U.S. patent application.

Model

MODEL	POWER	OUTPUT	CONFIGURATION	EFF. (MIN.)	PF
ALC (RH ALC series; full model number pending)	60W / 96W	12V or 24V	12V x 5A (60W) or 24V x 4A (96W)	86%	0.95

Input current, dimensions, weight and operating temperature: available on request.

Specifications

OUTPUT	
Output voltage	12VDC or 24VDC, selected automatically
Rated current	5A at 12V / 4A at 24V
Rated power	60W at 12V / 96W at 24V
Mode	Constant voltage
INPUT	
Rated input voltage	100-277VAC
Efficiency	86% or higher
Power factor	0.95 or higher
PROTECTION	
Protections	Over-temperature, overload, short-circuit and over-current

ENVIRONMENT	
Ingress protection	IP68
Locations	Dry, damp and wet
SAFETY	
Certification	UL Class 2 power supply
Patent	U.S. patent pending
MECHANICAL	
Housing	Aluminum
Warranty	7 years

Certifications

- **UL Class 2 power supply**
- **IP68** Rated for dry, damp and wet locations

Applications

- LED strip lighting
- Channel letters and signage
- Cabinet and millwork lighting
- Retail displays
- Service and replacement stock
- Mixed 12V / 24V projects

Installation

Install by qualified personnel per the NEC and local codes. Ground metal housings reliably to earth. Load to 80% of rated output or less and match the LED voltage and polarity. Run each Class 2 output as a separate circuit; do not parallel outputs. Allow ventilation and stay within the rated temperature range. Use wet-rated connections in damp and wet locations. Do not open or repair the unit.

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Specifications are typical at 25°C and subject to change without notice. Ratings per certified manufacturer data. Jovian Power is an assumed name of Planet J LLC.