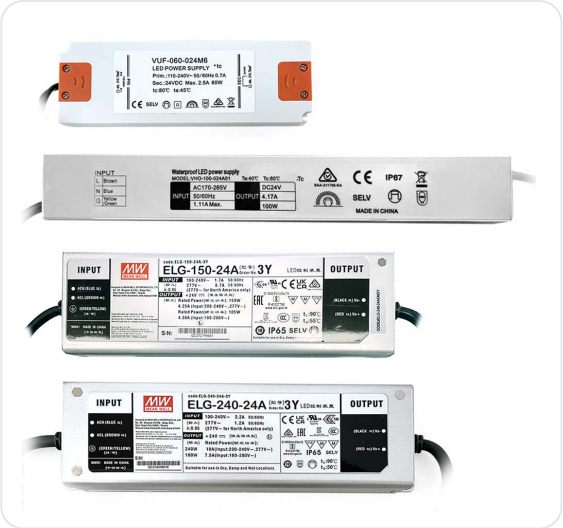
greenhse Technologies

CERTIFIED INDOOR SIZES · RCM
Cert SAA-230028-EA · details p.2

SPEC SHEET
Product code: TR24V-ALL

24 V LED Transformers – 30 W to 240 W

240 V to 24 V DC power supplies (drivers) for 24 V LED strip lights, from 30 W indoor to 240 W weatherproof.



KEY FEATURES

- Constant 24 V DC output for 24 V LED strips
- Sizes from 30 W to 240 W
- IP20 slim models for indoor dry areas
- IP67 and IP65 sealed model options for outdoor or damp areas
- Short circuit and overload protection
- Certified sizes listed on page 2

IN THE BOX

- 1 × 24 V LED transformer (power size you ordered)

SPECIFICATIONS

Output voltage	24 V DC, constant voltage
Power options	30, 60, 100, 150, 240 W
Input voltage	100–265 VAC (100 W: 170–265 V; 150/240 W: 100–305 V)
Frequency	50/60 Hz
IP rating	IP20 (30, 60 W); IP67 (100 W); IP65 (150, 240 W)
Efficiency	82–92% typical
Power factor	0.95 or higher (30, 150 and 240 W, at 230 V)
Protection	Short circuit and overload; auto recovery
Output type	SELV (safe extra-low voltage)
Connection	IP20: screw terminals; IP65/IP67: pre-wired leads
Operating temperature	30/60 W: -10 to 40 °C; 100 W: -10 to 50 °C; 150/240 W: case -40 to 90 °C
Approvals	RCM / SAA on certified sizes (p.2)
Warranty	2 years limited (excludes physical damage)

OPTIONS

Power	Max current	IP	Size (mm)	Weight
30 W	1.25 A	IP20	160 × 57.6 × 18.4	0.14 kg
60 W	2.5 A	IP20	185 × 63.5 × 22.5	0.20 kg
100 W	4.16 A	IP67	303 × 40 × 22	0.49 kg
150 W (premium)	6.25 A	IP65	219 × 63 × 35.5	0.95 kg
240 W (premium)	10 A	IP65	244 × 71 × 37.5	1.22 kg

Installation: licensed electrician recommended – see the installation guide. Keep your invoice for warranty.

24 V LED Transformers – 30 W to 240 W

ABOUT THIS PRODUCT

Greenhse 24 V LED transformers turn 240 V mains into safe, extra-low voltage 24 V DC power for all our 24 V LED strips, neon flex and controllers. Choose a slim indoor IP20 model at 30 W or 60 W, or a larger weatherproof model for long runs, outdoor areas and commercial jobs. Each is a constant voltage, double insulated power supply with short circuit and overload protection that recovers by itself once the fault is cleared. Indoor models must be kept in a dry, ventilated place.

SIZES & VERSIONS

30 W IP20	Certified SAA-230028-EA, valid to 17 Feb 2028
60 W IP20	Certified SAA-230028-EA, valid to 17 Feb 2028
100 W IP67	Australian certificate pending
150 W premium IP65	Australian certificate pending
240 W premium IP65	Certified GMA-512283, valid to 9 May 2027, not for residential installation

MORE DETAILS

Colour / finish	White case on IP20 indoor models; silver case on weatherproof (IP65 and IP67) models
Ripple and noise	Under 220 mV (30 W), under 340 mV (60 W)
Isolation test	3.75 kV AC input to output (IP20 models)
Regulation (60 W)	Line 0.5%, load 1%
Inrush current (60 W)	70 A maximum at 230 V AC
Rated ambient (IP20)	ta 40 °C, tc 80 °C
Storage temperature	-40 °C to 80 °C (IP20 models)

SAFETY & COMPLIANCE

Electrical safety certified for Australia
Certificate SAA-230028-EA, valid to 17 Feb 2028

RCM

Electrical safety certificate	SAA-230028-EA (valid to 17 Feb 2028)
Certificate covers	The 30 W and 60 W indoor (IP20) power supplies
Compliance mark	RCM (Regulatory Compliance Mark) for electrical safety and EMC
Equipment risk level	Level 3
Greenhse EESS registration	E2026006329 (registered to 14 Apr 2027)
Tested to	AS 61347.2.13:2018; AS/NZS 61347.1:2016 Inc A1
Also	Class II (double insulated), per certificate
Also	IC classified, IP20 models (per certificate)
Also	Independent SELV constant voltage LED power supply, for LED lighting use only (certificate condition)
24 V 240 W premium weatherproof (IP65) transformer, commercial use only (not IC rated, not for residential installation)	GMA-512283 (valid to 9 May 2027)

Greenhse Technologies is the registered Australian responsible supplier for this product on the national Electrical Equipment Safety System (EESS). Certificate numbers can be checked on the public EESS database at eess.gov.au.