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

SPEC SHEET
Product code: TR12V-ALL

12 V LED Transformers – 20 W to 200 W

240 V to 12 V DC power supplies (drivers) for 12 V LED strip and garden lights, from 20 W indoor to 200 W weatherproof.



KEY FEATURES

- Constant 12 V DC output for 12 V LED lighting
- Sizes from 20 W to 200 W
- IP20 slim models for indoor dry areas
- IP65 and IP67 sealed models for outdoor or damp areas
- Short circuit and overload protection
- Certified sizes listed on page 2

IN THE BOX

- 1 × 12 V LED transformer (power size you ordered)

SPECIFICATIONS

Output voltage	12 VDC, constant voltage
Power options	20, 40, 75 W (IP20); 75 W premium (IP65); 200 W (IP67)
Input voltage	170–265VAC
Frequency	50/60 Hz
IP rating	IP20 (20, 40, 75 W); IP65 (75W Premium); IP67 (200 W)
Efficiency	81–86% typical
Protection	Short circuit and overload
Output type	SELV (safe extra-low voltage)
Connection	IP20: screw terminals; IP65/IP67: pre-wired leads
Operating temperature	IP20: -10 to 40 °C; 200 W: -10 to 50 °C; premium: case -40 to 85 °C
Approvals	RCM / SAA on certified sizes (p.2)
Warranty	2 years limited (excludes physical damage)

OPTIONS

Power	Max current	IP	Size (mm)	Weight
20 W	1.67 A	IP20	127.5 × 50 × 12	0.064 kg
40 W	3.34 A	IP20	160 × 57.6 × 18.4	0.14 kg
75 W	6.25 A	IP20	185 × 63.5 × 22.5	0.20 kg
75 W (premium)	5 A	IP65	180 × 63 × 35.5	0.8 kg
200 W	16.6 A	IP67	240 × 71 × 46	1.2 kg

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

12 V LED Transformers – 20 W to 200 W

ABOUT THIS PRODUCT

Greenhse 12 V LED transformers turn 240 V mains into safe, extra-low voltage 12 V DC power for 12 V LED strips, garden lights and star lights. Choose a slim indoor IP20 model from 20 W to 75 W, or a weatherproof model for outdoor and damp locations. 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

20 W IP20	Certified SAA-230028-EA, valid to 17 Feb 2028
40 W IP20	Certified SAA-230028-EA, valid to 17 Feb 2028
75 W IP20	Certified SAA-230028-EA, valid to 17 Feb 2028
75 W premium IP65	Certified GMA-512462-EA, valid to 26 May 2027
200 W IP67	Australian certificate pending

MORE DETAILS

Colour / finish	White case on IP20 indoor models; silver case on weatherproof (IP65 and IP67) models
Power factor	0.95 or higher (40 W)
Ripple and noise	Under 220 mV (40 W)
Isolation test	3.75 kV AC input to output (IP20 models)
Short circuit protection	Hiccup mode, recovers automatically
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 20 W, 40 W and 75 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)
12 V 60 W premium weatherproof (IP65) transformer, do not cover	GMA-512462-EA (valid to 26 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.