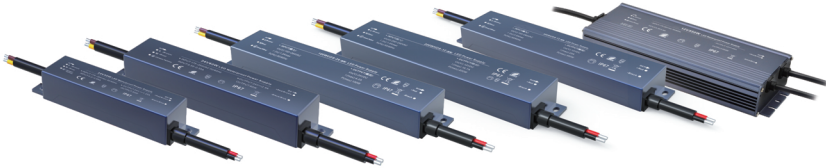




24V NON DIMMABLE DRIVERS MANUAL GUIDE

30W/60W/100W/150W/200W/300W/500W

Constant Vlotage



To ensure optimum performance and long-term reliability, limit the connected LED strip load to a maximum of 80% of the driver's rated output capacity.

Technical Parameters Comparison Table

Parameter	30W	60W	100W	150W	200W	300W	500W
Output Voltage	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
Output Power	Max 24W	Max 48W	Max 80W	Max 120W	Max 160W	Max 240W	Max 400W
Output Current	Max 1.25A	Max 2.5A	Max 4.17A	Max 6.25A	Max 8.3A	Max 12.5A	Max 21A
Input Voltage	90-264Vac	100-130 / 200-240VAC	100-264Vac	100-264Vac	100-264Vac	100-264Vac	175-277Vac
Efficiency (Typ.)	89%	90%	94%	94%	94%	94%	93.5%
Inrush Current (Typ.)	Cold start: 45A at 230Vac	Cold start: 50A at 230Vac	50A/230VAC	70A/230VAC	70A/230VAC	70A/230VAC	65A/230VAC
Ripple & Noise	≤ 320mV	≤ 240mV	≤ 240mV	≤ 240mV	≤ 240mV	≤ 600mV	≤ 250mV
Power Factor	>0.6	>0.5	>0.96/230Vac	>0.96/230Vac	>0.96/230Vac	>0.96/230Vac	>0.96/230Vac
Working Temperature	-30°C - 50°C	-30°C - 50°C	-30°C - 50°C	-30°C - 50°C	-30°C - 50°C	-30°C - 50°C	-30°C - 50°C
Working Humidity	20-99%RH	20-99%RH	20-99%RH	20-99%RH	20-99%RH	20-99%RH	20-99%RH
Dimensions (L×W×H)mm	100×26×20	120×26×20	120×26×20	172×37×20.6	172×37×20.6	250×40×30	272×92×38

WIRING DIAGRAM

CV Driver Wiring



WARNING

1. Please check the product before installation; Do not install the product if it is founded broken.
2. The product must be installed by a qualified electrical installer.
3. In order to avoid the damage of the product, keep the accessory to the place away from children.
4. Protect the lifespan of this product by installing drivers in well-ventilated area and free of excessive heat and gases.



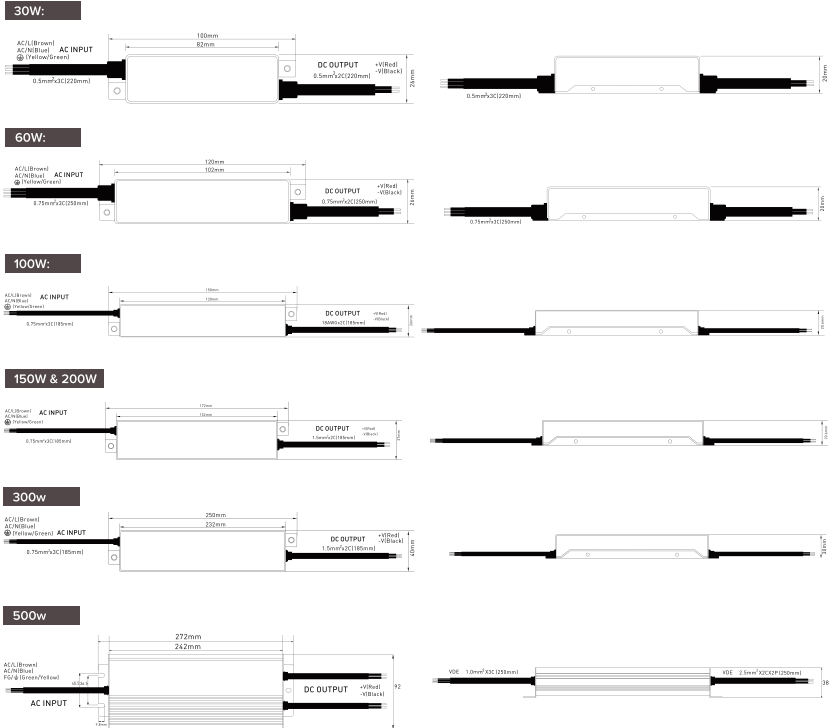
Turn Off
Power Supply



24V NON DIMMABLE DRIVERS MANUAL GUIDE

30W/60W/100W/150W/200W/300W/500W

Mechanical Specifications



Protections

Short Circuit: Auto recovery after fault cleared

Over Load: Shut down (auto recovery) at 105-150% load

Over Voltage: Latch-off, auto recovery after fault removal

Over Temperature: Shut down, auto recovery when cooled

Environment & Safety

Working Temp: -30°C to +50°C

Storage: -40°C to +80°C, 10-95% RH

Vibration: 10-500Hz, 2G

Safety Standards: IEC/EN61347, IEC/EN60950, IP67

EMC: EN55015, EN61547, EN61000 series, FCC Part 15B

Important Notes

All parameters measured at 230VAC input, rated load, 25°C unless otherwise specified.

Ripple & noise measured with 0.1μF + 47μF capacitors in parallel, 20MHz bandwidth.

Ensure operation within rated parameters and environment for best performance and longevity.

Do not exceed maximum case temperature.