

INNOVATIVE LED DRIVERS


We design, develop and manufacture


 **2009**
established


 **24,000m²**
of production facilities

 **600+**
highly skilled employees

 **27Mio**
annual driver production capacity

 **300+**
different LED driver types in our product portfolio

 **60+**
engineers in our R&D centers in Shenzhen, Shanghai and Chongqing

 **ISO 26001**
we are committed to managing our company in ways that are socially responsible and environmentally sustainable.

 **5**
private labs



As a participant in the United Nations Global Compact we support and respect the 10 principles on human rights, environment, labor and anti-corruption and we reflect these principles through-out our policies and practices.



We make sustainable and eco-friendly choices easier! Our commitment is to measure and minimize the environmental footprint of our LED drivers and services and report these impacts in a highly transparent, objective and comparable way. Available in June 2024.

5-YEAR WARRANTY

The right choice - guaranteed!

With CUPOWER products you always make the decision for innovative technology, constantly high manufacturing standards, and above average operational durations.



To ensure we exceed your expectations in terms of quality and perfection, we provide extended warranty periods that are above the industry average. This straightforward and secure offering requires no prior registration.

A 5-year warranty duration is offered on CUPOWER products with a nominal service life of $\geq 50,000$ operating hours.

How do we guarantee our quality?

X-ray

Solder joint reliability is one of the most important factors in the lifetime of LED drivers. Only by using advanced X-ray systems the required high quality of soldering can be proved and guaranteed.

Burn-in test

All our drivers undergo a rigorous 2-hour burn-in test after production. Only this way we can ensure our target of 0.05% per 1,000h lifetime, while the industry standard is 0.2%.

THB testing

We are simulating a long lifetime by creating harsh humid and stressful temperature conditions for our drivers to evaluate the performance and durability of LED drivers in a short period. These tests play a vital role in predicting and improving the lifespan and reliability of LED drivers.

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CUPOWER

CUPOWER

BORN TO BE LIGHT.

Design
Development
Production
of LED driver

CUPOWER

was established in 2009 and specializes in R&D, developing and producing LED driver.

With over 14 years of experience in designing and manufacturing communication power supplies, industrial power supplies, and LED drivers, we offer a product portfolio of more than 300 different products designed for global markets.

We are open to customized and bespoke solutions for our valued customers in addition to our standard range of products.

Our innovative R&D department is deeply involved in all our product developments. We have a profound knowledge of processor-oriented production, including in-house capabilities from sheet metal forming and plastic injection molding to assembly and testing.

This enables us to ensure efficient and flexible production processes with high quality, providing a more consistent service and using scarce resources more effectively.

Our quality officers ensure that only perfectly tested products are shipped to our customers.



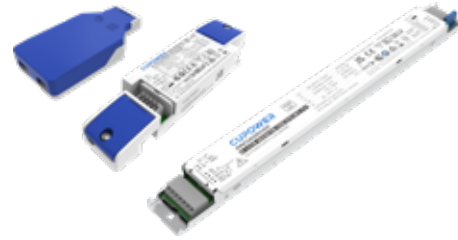
CUPOWER is a regular member in the DALI Alliance.



CUPOWER is an associate member in the Zhaga Consortium.

FOCUS TOPICS

DT8 tunable white driver Colour changes made easy!



Lifetime



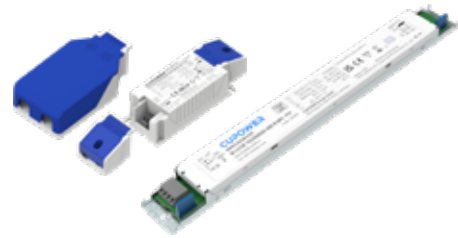
DC operation



Wide operating windows

- SELV and Non-SELV
- Constant current and constant voltage
- Colour temperature range: 1,500-6,500K
- Standby power only ≤ 0.3 W

Bluetooth & Mesh Our platform approach



Lifetime



DC operation



Wide operating windows

- Multiple chips and different systems (software) can be implemented
- Only one thermal and EMC measurement per platform
- High antenna range due to special design
- SELV, Non-SELV
- CUPOWER app for iOS and Android

Outdoor LED drivers Coming soon



14 W 200 W

ON/OFF compact

- Wide operating windows
- Easy and fast wireless luminaire programming via NFC

D4i compact

- Wide operating windows
- Easy and fast wireless luminaire programming via NFC
- SeasonControl for autonomous dimming with five independent levels
- Integrated customizable thermal management
- Standby power consumption: < 0.3 W
- D4i supports DALI part 250, 251, 252 and 253

