

DCCP series LED DRIVER

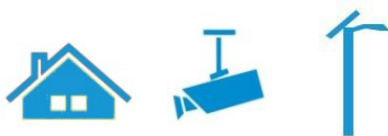


DCCP series DC constant current LED driver is designed for LED lighting system which is powered by DC power supply, such as solar, wind etc. The high frequency pre-shutdown current control technology improves LED Luminous efficiency, reduces the led luminous decay and ensures the lifetime of LED source.

Application :

Ideal for DC power led street light that needs dimming control.

- ★ Solar LED street light
- ★ Solar garden LED light



Features :

- ◆ Wide input voltage range :
DC8.0V—DC32V , compatible with 12V/24V full voltage range.
- ◆ High precision constant current control ($< \pm 2$)
- ◆ Efficiency ≥ 95 % in 24V system;
Efficiency ≥ 92 % in 12V system;
Peak efficiency of 96 % ;
- ◆ High power density design with small size
- ◆ Using the extraordinary life of the metalized film capacitors as power-driven filter which ensures the long lifetime of driver
- ◆ Adjustable rated output current
- ◆ Linear PWM duty cycle dimming control with high reliability
- ◆ PCB with high-moisture proof, anti-condensation resin processing
- ◆ Nature cooling
- ◆ Optional digital led driver controller LDC-01, which has four working timer period. For each period, the working hours and power(0~100%) can be set independently.

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Electrical parameters	DCCP4060	DCCP6060	DCCP10060
Rated voltage	12V/24V auto work		
Nominal output power	12V, 20W. 24V, 40W	12V, 30W, 24V, 60W	12V, 50W 24V, 100W
Max. input current	2A	3A	5A
Output voltage range : Decided by LED	Max. input ~ 60V		
Output current range	0.3 ~ 2A (Limited by Max. input power)	0.3 ~ 3A (Limited by Max. input power)	0.3 ~ 5A (Limited by Max. input power)
Ambient Temp.	-40°C ~ +65°C		
Storage Temp.	-40°C ~ +85°C		
Humidity	0 ~ 95% N.C.		
Enclosure	IP30		
Altitude	≤5000m		
Dimension	101 x 66 x 27mm	108 x 69 x 27mm	116 x 74 x 32mm
Mounting	93mm (vertical)	100mm (vertical)	105mm (vertical)
Terminal	2.5mm ²		
Net Weight	80g	95g	162g

Optional Accessories :

LED driver controller LDC-01

- ◆ Four working timer periods, dimmer setting function for each period
- ◆ Power adjustment with the change of battery voltage and temperature

