

CC1512 Series

2 ~ 25Watts

AC to DC , DC to DC

Constant Current

AC to DC, DC to DC Constant Current 2 ~ 25Watts

(with Dimming Function)



Applications

LED Light Fixture
LED Signage
LED Architectural Lighting
LED Industrial Lighting
LED String Lighting
LED Bulb

CE FC IP66

Features

Wide Input Voltages DC Output with Constant Current

Waterproof Design - IP66, for Dry, Damp Location

Convection Cooled in plastic housing Compliant FCC B, CE, RoHS Three Years Warranty

Specifications

Input Range : 10~40Vdc (CC1512DP) , 10 ~ 28Vac , Vdc / 50Hz~50KHz (CC1512AP, CC1512BP)	Operation Temp. : -40°C ~ +50°C , Tc : 70 °C
DC Output Range : See CC1512DP,-AP ,-BP Table	Storage Temp. : -40°C ~ +85°C
Efficiency : 85% Typical	MTBF(@25°C) : >100,000 Hours, MIL-217F
Output Current Regulation : ±5%	Meet CE , FCC A , IP66 , NEMA4.
Protection : SCP, OCP - Auto Recovery	Weight : 60 Grams Typical
Plastic Housing Material : PC	

Model : CC1512DP-cccc (CC1512DP-350, CC1512DP-700, CC1512DP-1000)

DC Input Voltage	DC output (Vf) Forward Voltage	Output Constant Current -Range	Watts Max.	DC Input Voltage	DC output(Vf) Forward Voltage	Output Constant Current-Range	Watts Max.
40Vdc	2~34V	200~700mA	24W	24Vdc	2~20V	200~1000mA	20W
36Vdc	2~31V	200~700mA	22W	20Vdc	2~16.5V	200~1000mA	16.5W
30Vdc	2~25.5V	200~1000mA	25.5W	12Vdc	2~9V	200~1000mA	9W
28Vdc	2~23.5V	200~1000mA	23.5W	10Vdc	2~ 7V	200~1000mA	7W

Model : CC1512AP-cccc (CC1512AP-350, CC1512AP-700, CC1512AP-1000)

DC Input Voltage	DC output (Vf) Forward Voltage	Output Constant Current -Range	Watts Max.	DC Input Voltage	DC output(Vf) Forward Voltage	Output Constant Current-Range	Watts Max.
28Vac,dc	2~24V	350mA	8.4W	15Vac,dc	2~9V	700mA	6.3W
24Vac,dc	2~21V	350mA	7.3W	12Vac,dc	2~ 6	700mA	4.2W
20Vac,dc	2~16V	350mA	5.6W	28Vac,dc	2~18.5V	1000mA	18.5W
15Vac,dc	2~12V	350mA	4.2W	24Vac,dc	2~15.5V	1000mA	15.5W
12Vac,dc	2~8.5V	350mA	3W	20Vac,dc	2~11.5V	1000mA	11.5W
28Vac,dc	2~21V	700mA	14.7W	15Vac,dc	2~7V	1000mA	7W
24Vac,dc	2~18V	700mA	12.6W	12Vac,dc	2~4.5V	1000mA	4.5W
20Vac,dc	2~14V	700mA	9.8W				

Model : CC1512BP-cccc (CC1512BP-350, CC1512BP-700, CC1512BP-1000)

AC Input Voltage	Output ,Forward Voltage (Vf)	Output Constant Current -Adj. Range	Watts
12Vac (10~15Vac)	2 ~ 12Vdc	300 ~ 1000mA	12W

Model Information

CC1512xyHn-cccc (Single DC Output)

x = A- AC ,DC input , D- DC input

B- AC or DC input

Hn = (Option), H1= Dimming control(0~10Vdc) see drawing . Input limit :10~20Vdc, or Vac.

H2- Dimming control(0 ~ 10Vdc), see drawing. Input limit :20~30Vdc, or Vac.

H3- Dimming control(0 ~ 10Vdc), see drawing. Input limit :30~40Vdc.

Dimming control wire, Purple(+), Green(-), - Short: OFF, Open: ON, 0V: OFF, 10V: ON

SL = (Option), PWM Pulse (Low) 100 ~ 250Hz, Dimming control wire, Purple(+), Black(-).

y = P- plastic

cccc = 350- 350mA, 700-700mA, 1000-mA

Constant Current Output

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Available Model Listing

1. CC1512DP-350	7. CC1512DPH2-350	13. CC1512AP-700	19. CC1512APH2-700
2. CC1512DP-700	8. CC1512DPH2-700	14. CC1512AP-1000	20. CC1512APH2-1000
3. CC1512DP-1000	9. CC1512DPH2-1000	15. CC1512APH1-350	21. CC1512BP-350
4. CC1512DPH1-350	10. CC1512DPH3-350	16. CC1512APH1-700	22. CC1512BP-700
5. CC1512DPH1-700	11. CC1512DPH3-700	17. CC1512APH1-1000	23. CC1512BP-1000
6. CC1512DPH1-1000	12. CC1512AP-350	18. CC1512APH2-350	

Mechanical Drawing :

