



Automatización Eléctrica

Especialistas en Automatización

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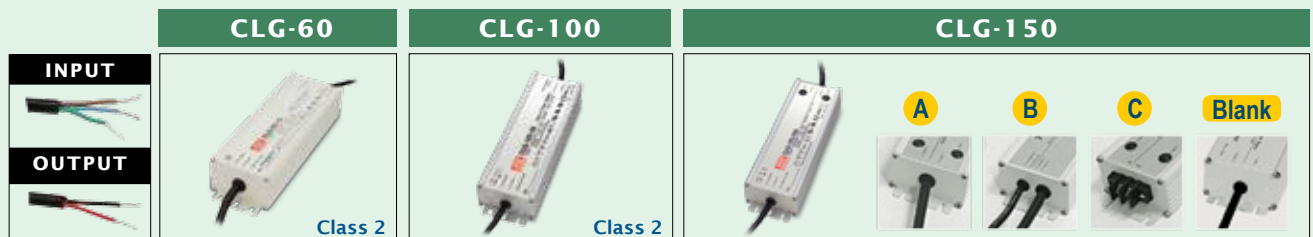
CLG series

60~150W Single Output with PFC

Features

- Universal AC input (up to 295VAC) / Full range
- Protections:
Short circuit / Over current / Over voltage / Over temperature
- Built-in active PFC function
- IP67/IP65 design for indoor or outdoor installations (except for C-Type)
- Output current adjustable through output cable or internal potentiometer (CLG-150)
- Class 2 power unit / Pass LPS (CLG-60&100)
- Cooling by free air convection
- Suitable for LED lighting, street lighting and moving sign applications

- Built-in constant current limiting circuit (C.V.+C.C. mode)
- Meet 4kV surge immunity level (IEC 61000-4-5)
- Multiple models for CLG-150 :
A-Type: IP65 rated. Output voltage and constant current level can be adjusted through internal potentiometer
B-Type: IP67 rated. Constant current level adjustable through output cable
C-Type: Non IP. Terminal block for I/O connection
Blank-Type: IP67 rated. Cable for I/O connection
- 3 years warranty



		CLG-60	CLG-100	CLG-150
AC input voltage range		90~295VAC; 127~417VDC		
AC inrush current (max.)		Cold start, 35A at 230VAC		
DC adjustment range		Fixed. Can be modified between 90%~110% (CLG-60) or 85%~100% (CLG-100) rated output voltage		
Current adjustment range		Fixed. Can be modified between 75%~103% rated output current		
Over current protection		95%~110% constant current, auto-recovery	95%~102% constant current, auto-recovery	95%~108% constant current limiting, auto-recovery
Over voltage protection		110%~140% rated output voltage	110%~145% rated output voltage	110%~145% rated output voltage
Setup, rise, hold up time		3000ms(setup time), no hold up time	1200ms, 80ms, 60ms at full load and 230VAC	500ms, 80ms, 16ms at full load and 230VAC
Withstand voltage		I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC		
Working temperature		-30~+70°C (refer to output derating curve)		
Safety standards		UL1310, UL8750, UL879, TUV EN61347-1, EN61347-2-13, PSE J61347-1, J61347-2-13 approved; TUV EN60950-1 for CLG-100 only		
EMC standards		EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		
Connection	Input	UL rated, SJTW 18AWGx3C (30cm)		
	Output	UL rated, SVT 18AWGx2C (30cm)		
Dimension (LxWxH)(mm)		195.6x 61.5x 38.8	222.2x 68x 38.8	A/B/Blank-Type: 222.2x 68x 38.8; C-Type: 229x 68x 38.8
Packing		0.86kg; 16pcs / 14.8kg	1.0kg; 12pcs / 13kg	1.0kg; 12pcs / 13kg

CLG-60 Series



Model No.	Output	Tol.	R&N	Effi.
★ CLG-60-12	12V, 0~5.0A	±10%	2.0V	85.0%
CLG-60-15	15V, 0~4.0A	±10%	2.4V	86.0%
CLG-60-20	20V, 0~3.0A	±10%	1.8V	87.5%
★ CLG-60-24	24V, 0~2.5A	±10%	2.7V	87.0%
CLG-60-27	27V, 0~2.3A	±10%	2.7V	88.0%
CLG-60-36	36V, 0~1.7A	±10%	3.6V	89.0%
★ CLG-60-48	48V, 0~1.3A	±10%	4.6V	89.0%

CLG-100 Series



Model No.	Output	Tol.	R&N	Effi.
★ CLG-100-12	12V, 0~5.00A	±3%	150mV	83.0%
CLG-100-15	15V, 0~5.00A	±3%	150mV	85.0%
CLG-100-20	20V, 0~4.80A	±3%	150mV	88.5%
★ CLG-100-24	24V, 0~4.00A	±3%	150mV	88.5%

Model No.	Output	Tol.	R&N	Effi.
CLG-100-27	27V, 0~3.55A	±3%	150mV	88.0%
CLG-100-36	36V, 0~2.65A	±2%	150mV	88.0%
★ CLG-100-48	48V, 0~2.00A	±2%	200mV	88.5%

CLG-150 Series



Model No.	Output	Tol.	R&N	Effi.
★ CLG-150-12[A]	12V, 0~11.0A	±2%	150mV	88%
CLG-150-15[A]	15V, 0~9.50A	±2%	150mV	88%
CLG-150-20[A]	20V, 0~7.50A	±2%	150mV	90%
★ CLG-150-24[A]	24V, 0~6.30A	±1%	150mV	90%
CLG-150-30[A]	30V, 0~5.00A	±1%	150mV	91%
★ CLG-150-36[A]	36V, 0~4.20A	±1%	150mV	91%
★ CLG-150-48[A]	48V, 0~3.20A	±1%	200mV	91%

□ = A, B, C or blank

★ CLG-60-12/24/48, CLG-100-12/24/48 & CLG-150-12A/24A/36A/48A are our popular models. We will keep sufficient stock for prompt delivery of high quantity orders.



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Product	Code	Reference	Product link
AC/DC Power Led Power Series CLG-100 96W Input 90~277 Vac Dimension 222x 68x 38.8 mm Warranty 3 year	CLG10024	CLG-100-24	Buy on EAN
AC/DC Power Led Power Series CLG-100 96W Input 90~277 Vac Dimension 222x 68x 38.8 mm Warranty 3 year	CLG10036	CLG-100-36	Buy on EAN
AC/DC Power Led Power Series CLG-150 150W Input 90~277 Vac Dimension 198.2x 68x 38.8 mm Warranty 3 year	CLG15024	CLG-150-24	Buy on EAN