



LED-драйверы серии CLG

Технические характеристики



По вопросам продаж и поддержки обращайтесь:

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сайт: <http://meanwell.nt-rt.ru> | **эл. почта:** mlw@nt-rt.ru

CLG series

60~150W Metal Case with PFC

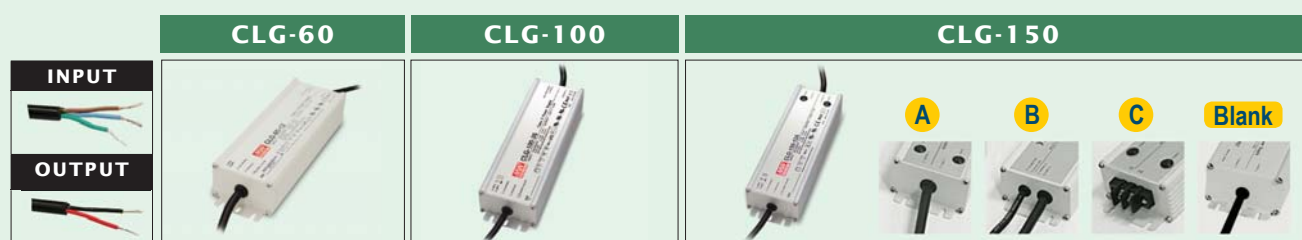
Features

Constant voltage + constant current modes

- Universal AC input (up to 295VAC) / Full range
- Meet 4kV surge immunity level (IEC 61000-4-5)
- Class 2 power unit / Pass LPS (CLG-60/100)
- Suitable for LED lighting, street lighting and moving sign applications
- Protections:
Short circuit / Over current / Over voltage / Over temperature

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	Cold start, 40A at 230VAC	Cold start, 65A at 230VAC
DC adjustment range	Fixed. Can be modified between 90%~110% (CLG-60) or 85%~100% (CLG-100) rated output voltage		Can be adjusted between 85%~110% by internal potentiometer (A and C-Type)
Current adjustment range	Fixed. Can be modified between 75%~103% rated output current		Can be adjusted between 50%~100% by internal potentiometer (A and C-Type) or through output cable (B-Type)
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
Setup, rise, hold up time	500ms(setup time), no hold up time	500ms, 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: 1.5kVAC		
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		UL60950-1, UL1012, UL8750, UL879, TUV EN60950-1, TUV EN61347-1, EN61347-2-13(except for C-Type), PSE J61347-1, J61347-2-13(except for C-Type) approved
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)	UL rated, SJTW 18AWGx3C (30cm); Terminal block for C type
	Output	UL rated, SVT 18AWGx2C (30cm)	A & Blank-Type : SJTW 14AWGx2C (30cm) B-Type: SJTW 14AWGx2C (30cm)+18AWGx2C (30cm) C-Type: Terminal block
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%

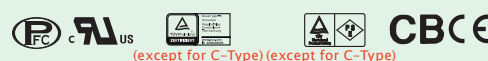
CLG-100 Series



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

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