

IDLC series

45~65W Plastic Case with PFC

► Features

- Constant current mode
- Flicker free design
- IDLC-45: 90~295VAC input
IDLC-65: 180~295VAC input only
- No load power consumption <0.5W for Blank-Type
- Fully isolated plastic case with IP20 level
- Isolation class II, no F.G.
- Built-in 2 in 1 dimming function (0~10VDC or PWM signal)
- Built-in 12V/50mA auxiliary output for A-Type
- Suitable for indoor LED lighting applications
- Protection: Short circuit
- 3 years warranty



AC input voltage range	90 ~ 295VAC ; 127 ~ 417VDC	180 ~ 295VAC ; 254~417VDC
AC inrush current (max.)	Cold start, 30A at 230VAC	
Setup time	500ms	
Short circuit protection	Hiccup mode, auto-recovery	
Withstand voltage	I/P-O/P: 3.75KVAC	
Working temperature	Tcase= -20~+80°C	Tcase= -20~+85°C
Safety standards	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384, GB19510.14, GB19510.1 approved	
EMC standards	EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, GB17743, GB17625.1	
Connection (Input/Output)	4+4P push-in terminal block for Blank-Type, 4+6P for A-Type	
Dimension (LxWxH) mm	120 x 75 x 25	130 x 75 x 25

IDLC-45 Series



Model No.	Output	Tol.	Effi.
IDLC-45□-350	57 ~ 95V, 350mA	±5%	86%
IDLC-45□-500	54 ~ 90V, 500mA	±5%	85%
IDLC-45□-700	38 ~ 64V, 700mA	±5%	85%
IDLC-45□-1050	26 ~ 43V, 1050mA	±5%	84%
IDLC-45□-1400	19 ~ 32V, 1400mA	±5%	83%

□ = Blank/A; Blank: without auxiliary output, A: with auxiliary function

IDLC-65 Series



Model No.	Output	Tol.	Effi.
IDLC-65□-700	69 ~ 93V, 700mA	±5%	89%
IDLC-65□-1050	46 ~ 62V, 1050mA	±5%	87%
IDLC-65□-1400	34 ~ 46V, 1400mA	±5%	86%
IDLC-65□-1750	27 ~ 36V, 1750mA	±5%	86%

□ = Blank/A; Blank: without auxiliary output, A: with auxiliary function

HVG(C)-480 Series

480W Wide Input Range with PFC

Under Development

- Wide input range 180~528VAC
- C.V. + C.C. modes for HVG-480
C.C. mode for HVGC-480
- Built-in active PFC function
- 40~+85°C (case temp.) wide operating range
- Fanless design, cooling by free air convection
- IP67 / IP65 design for indoor or outdoor applications
- 3 in 1 dimming and smart timer dimming function models
- Type "HL" for use in Class I, Division 2 hazardous (Classified) location luminaires
- Dimension: 262 x 125 x 43.5 mm
- 5 years warranty