

# PLM series

12~40W Single Output with PFC

## Features

- 110~295VAC input
- Built-in active PFC function
- Protections: Short circuit / Over temperature (PLM-40)
- Fully isolated plastic case
- Constant current design (C.C. mode)
- No load power consumption <0.5W
- IP30 design
- Isolation class II, no F.G.
- Cooling by free air convection
- Low cost, high reliability
- Suitable for indoor LED lighting applications
- 2 years warranty




AC input voltage range	110~295VAC; 156~417VDC	
AC inrush current (max.)	Cold start, 15A at 230VAC	
Setup time	500ms at full load and 230VAC	
Short circuit protection	Hiccup mode, auto-recovery	
Over temperature (PLM-40)	115°C ±5°C (TSW1) hiccup mode, auto-recovery	
Withstand voltage	I/P-O/P: 3.75kVAC	
Working temperature	-30~+45°C (refer to output derating curve)	-30~+45°C (refer to output derating curve)
Safety standards	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384 approved (PLM-12/25 pending)	
EMC standards	EN55015, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547	
Connection (Input / Output)	2+2P push terminal block	
Dimension (LxWxH)(mm)	145x 38x 22	175x 42x 24

## PLM-12 Series

 UL/CUL/ENEC/CB/CE pending

Model No.	Output	Io Tol.	R&N	Effi.
PLM-12-350	22~36V, 350mA	±5%	3.6V	85%
PLM-12-500	15~24V, 500mA	±5%	2.4V	84%
PLM-12-700	11~18V, 700mA	±5%	2.4V	83%
PLM-12-1050	7~12V, 1050mA	±5%	1.8V	82%

## PLM-25 Series

 UL/CUL/ENEC/CB/CE pending

Model No.	Output	Io Tol.	R&N	Effi.
PLM-25-350	42~72V, 350mA	±5%	7.2V	87%
PLM-25-500	30~50V, 500mA	±5%	5.0V	86%
PLM-25-700	21~36V, 700mA	±5%	3.6V	86%
PLM-25-1050	14~24V, 1050mA	±5%	2.4V	85%

## PLM-40 Series

Model No.	Output	Io Tol.	R&N	Effi.
PLM-40-350	53~105V, 350mA	±5%	10V	88%
PLM-40-500	40~80V, 500mA	±5%	8V	88%
PLM-40-700	29~57V, 700mA	±5%	6V	87%
PLM-40-1050	19~38V, 1050mA	±5%	4V	87%
PLM-40-1400	15~29V, 1400mA	±5%	3V	86%
PLM-40-1750	12~23V, 1750mA	±5%	2.5V	86%