

# PLM-E series

12~40W Constant Current with PFC

## Features

- 180~295VAC input
- Built-in active PFC function
- Protections: Short circuit / Over temperature (PLM-40E)
- Fully isolated plastic case
- Constant current mode
- No load power consumption <0.5W
- Three-step analog dimming function (PLM-40E)
- 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

	PLM-12E	PLM-25E	PLM-40E
			
	<b>NEW</b>		<b>NEW</b>
			
AC input voltage range	180~295VAC; 254~417VDC		
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 temp. protection	Hiccup mode, auto-recovery (PLM-40E only)		
Withstand voltage	I/P-O/P: 3.75kVAC		
Working temperature	-30~+50°C	-30~+45°C	-30~+40°C (refer to output derating curve)
Safety standards	ENEC EN61347-1, EN61347-2-13, EN62384 approved		
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-12E Series



Model No.	Output	Io Tol.	R&N	Effi.
PLM-12E-350	22~36V, 350mA	±5%	5.5V	84%
PLM-12E-500	15~24V, 500mA	±5%	3.6V	83%
PLM-12E-700	11~18V, 700mA	±5%	3.6V	82%
PLM-12E-1050	7~12V, 1050mA	±5%	2.7V	78%

## PLM-25E Series



Model No.	Output	Io Tol.	R&N	Effi.
PLM-25E-350	42~72V, 350mA	±5%	9V	86%
PLM-25E-500	30~50V, 500mA	±5%	7.5V	85%
PLM-25E-700	21~36V, 700mA	±5%	5.4V	85%
PLM-25E-1050	14~24V, 1050mA	±5%	3.6V	82%

## PLM-40E Series



Model No.	Output	Io Tol.	R&N	Effi.
PLM-40E-350	53~105V, 350mA	±5%	10V	88%
PLM-40E-500	40~80V, 500mA	±5%	8.0V	88%
PLM-40E-700	29~57V, 700mA	±5%	6.0V	87%
PLM-40E-1050	19~38V, 1050mA	±5%	4.0V	87%
PLM-40E-1400	15~29V, 1400mA	±5%	3.0V	86%
PLM-40E-1750	12~23V, 1750mA	±5%	2.5V	86%