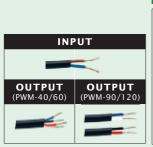
# PWM series 40~120W PWM Output with PFC

### **Features**

- Universal AC input (up to 305VAC) / Full range
- Constant voltage PWM style output
- · Built-in active PFC function
- High efficiency up to 91%
- No load power consumption <0.5W</li>
- Protections:
  - Short circuit / Overload / Over voltage / Over temperature
- · Cooling by free air convection

- · Fully isolated plastic case
- · Fully encapsulated with IP67 level
- Class 2 power unit (except for PWM-90-12 & PWM-120)
- · Isolation class II, no F.G.
- Built-in 2 in 1 dimming function (0~10VDC or PWM signal)
- · Suitable for dry, damp, and wet location
- · Suitable for LED strip lighting
- 5 years warranty









AC input voltage range		90~305VAC; 127~431VDC			
AC inrush current (max.)		Cold start, 50A at 230VAC	Cold start, 60A at 230VAC		
Overload protection		108%~120% hiccup mode, auto-recovery			
Over voltage protection		113%~142% rated output voltage			
Over temp. protection		Shut down output voltage, re-power on to recover			
Setup, rise, hold up time		500ms, 80ms, 16ms at full load and 230VAC			
Withstand voltage		I/P-O/P: 3.75kVAC			
Working temperature		-40~+70°C ( refer to output dearting curve)			
Safety standards		UL8750, ENEC EN61347-1, EN61347-2-13, EN62384 approved (PWM-40/60/120 pending); Design refer to EN60335-1			
EMC standards		EN55015, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547 (PWM-40/60/120 pending)			
Connection	Input	UL rated, SJTW 18AWGx2C (30cm)			
	Output	UL2464 18AWG x2C (30cm)+ 22AWG x2C (30cm)	SJTW 16AWGx2C (30cm)+ UL2464 18AWGx2C (30cm)	SJTW 14AWGx2C (30cm)+ UL2464 18AWGx2C (30cm)	
Dimension (LxWxH) (mm)		150x 53x 35	171x 63x 37.5	191x 63x 37.5	

## PWM-40 Series

# PUL/CUL/ENEC/CB/CE pending

Model No.	Output	Tol.	Effi.
PWM-40-12	12V, 0~3.34A	±4%	86.0%
PWM-40-24	24V, 0~1.67A	±3%	89.0%
PWM-40-36	36V, 0~1.12A	±2%	90.0%
PWM-40-48	48V, 0~0.84A	±1%	90.0%

## PWM-90 Series

Will 30 Series			
Model No.	Output	Tol.	Effi.
PWM-90-12	12V, 0~7.5A	±4%	88.0%
PWM-90-24	24V, 0~3.75A	±3%	90.5%
PWM-90-36	36V, 0~2.5A	±2%	90.5%
PWM-90-48	48V, 0~1.88A	±1%	90.5%

### **PWM-60 Series**

# **P**UL/CUL/ENEC/CB/CE pending

Model No.	Output	Tol.	Effi.
PWM-60-12	12V, 0~5A	±4%	86.0%
PWM-60-24	24V, 0~2.5A	±3%	89.0%
PWM-60-36	36V, 0~1.67A	±2%	90.0%
PWM-60-48	48V, 0~1.25A	±1%	90.0%

## PWM-120 Series

# **P**UL/CUL/ENEC/CB/CE pending

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I WWI-120 Sel	163	OL/COL/LINEC/CB/CE pending		
Model No.	Output	Tol.	Effi.	
PWM-120-12	12V, 0~10A	±4%	89.0%	
PWM-120-24	24V, 0~5A	±4%	90.0%	
PWM-120-36	36V, 0~3.4A	±2%	90.0%	
PWM-120-48	48V, 0~2.5A	±1%	91.0%	