

Zasilacz typu slim



ZALETY

- Pobór mocy bez obciążenia 1,5W
- Układ aktywnego PFC
- Zabezpieczenia: przeciwzwarcowe/przepięciowe/przeciążeniowe/temperaturowe
- Niska obudowa zgodna z IP 67
- Możliwość montażu na powierzchniach łatwopalnych, np. drewnie
- Zgodność z europejskimi normami i certyfikatami
- Wysoka niezawodność
- 5 lat gwarancji

PRZEZNACZENIE

- reklamy świetlne, meble



LMW-45-24

→ Output Voltage
→ Output Watts
→ Model Name

Technical Specs

LMW-45-24		
OUTPUT		
Output Voltage	24Vdc	
Output Voltage Range	24Vdc±5%Vdc	
Output Current	1.87A Max	
Output Power	45W	
Output Ripple & Noise	≤600mV	
INPUT		
Input Voltage Range	200Vac-240Vac	
Input Frequency Range	50`60HZ	
Input Current	≤0.3A(200-240Vac)	
Surge Current (cold start)	46A @230Vac	
Power Efficiency(typ)	86%	
PF	>0.95	
Leakage Current	<0.75mA/240Vac	
PROTECTION		
Over-Current Protection	Shut down the output when current load ≥ 110%, and recover automatically	
Short-Circuit Protection	Hiccup Mode and recover automatically	
Over-Voltage Protection	Shut down the output when non-load voltage≥ 26V, and recover automatically	
ENVIRONMENT		
Working Temperature	-30°C~+50°C	
Working Humidity	10%~95%RH	
Approved Enviroments Location	for dry, damp ,wet locations	
Storage Temperature	~35°C~+65°C	
Storage Humidity	10%~95%RH	
IP Rating	IP67(note 1)	
Vibration	10~500Hz, 1.0mm, 15 minutes(for X, Y, Z each axis)	
Tcase	+85°C	
SAFETY&EMC		
Safety Standard	Design refer to EN61347-1,EN61347-2-13,EN62493	
Dielectric Strength (Hi-Pot)	I/P-O/P	3.75KVAC/ 5mA/ 1min
	I/P-Case	1.5KVAC/ 5mA/ 1min
Insulation Resistance	100MΩ / 500VDC/ 1min	
Grounding Resistance	≤0.5Ω	
EMC	Design refer to EN55015,EN61000-3-2,EN61000-3-3,EN61547	
EFT	2kv on AC power line	
Surge	4kv(L-N) 4kv(L-GND, N-GND) (IEC61000-4-5)	
OTHERS		
MTBF	200Khrs. MIL-HDBK-217F(25℃)	
Life time	50,000 hours at Tc ≤ 80°C maximum case hot spot temperature	
Dimensions	239*35*20mm(L*W*H)	
Weight	0.33 kg	
Outer Box Specifications	510*275*176mm(L*W*H) / 50pcs/ctn	
	Total 5 layer, each layer 10 pcs / G.W18kg / N.W17.4kg(1±10%)	

Remarks:

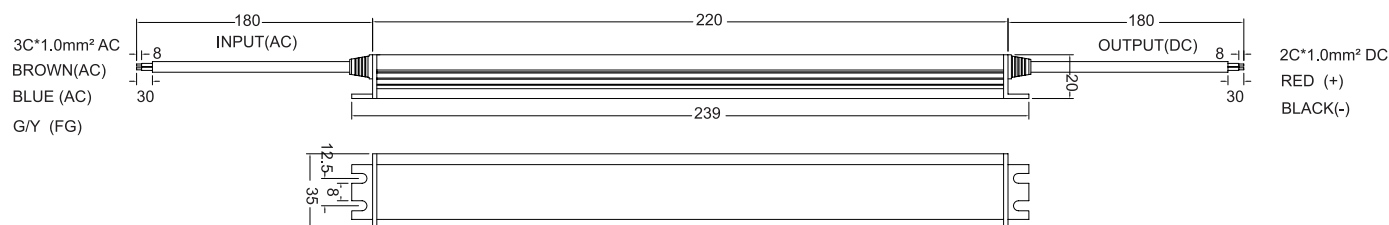
Note 1: IP67 can be used in dry, damp, wet locations. Avoid installing in submerged environments or application

Test environment temperature : 25 ± 2°C

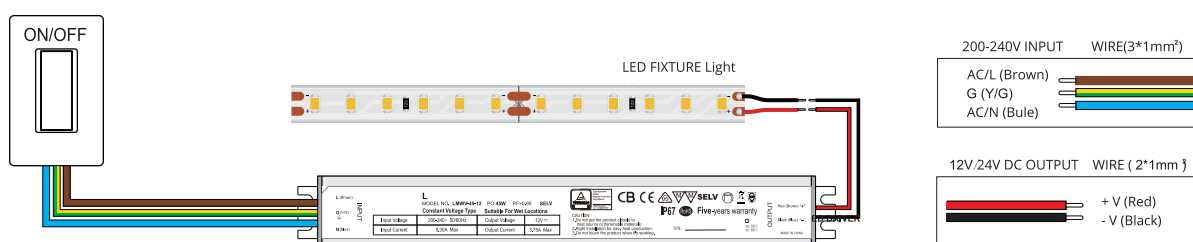
Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHz Bandwidth measurement.

"The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccups flickering). "

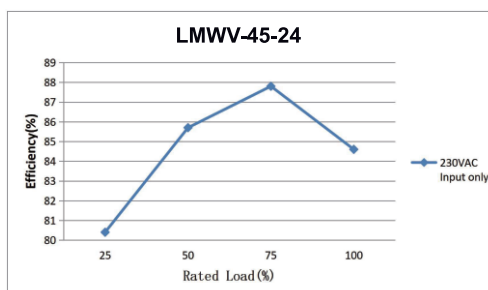
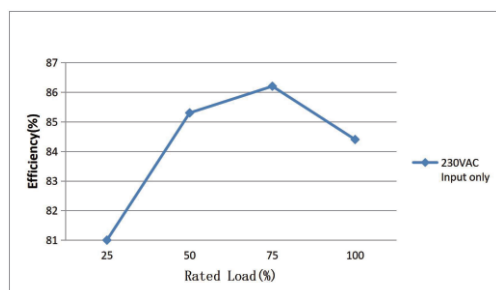
Profile Drawing



Wiring Diagram

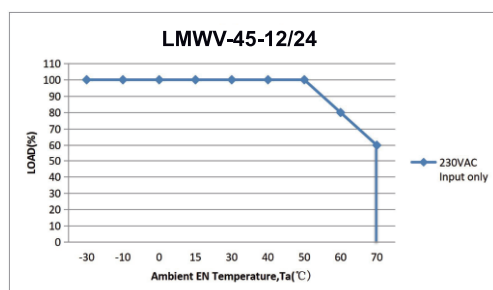


OUTPUT LOAD vs Efficiency (Input only 230VAC)



OUTPUT LOAD vs Temperature (Input only 230VAC)

The LMWV-45-12/24 series can be operated with cooling air temperatures between -30°C- 50°C by linearly de-rating the total maximum output power (or current) by 2.0%/°C from 50°C to 70°C (see figure).



- Please make the power supply installed in a well-ventilated place, to ensure that the environment temperature is appropriate.
- Do not overload the power supply with multiple appliances.
- Please do not touch the metal shell surface to avoid high temperature scald.
- Do not install in the minefield or high pressure area.
- Do not attempt to repair privately. Please contact the supplier if you have any questions.

Tips

- To be installed by a certified electrician. Please read and follow the instructions carefully before installing. Ensure all contact points are connected firmly.
- Please pay attention to the using environment, and conduct regular check and maintenance to eliminate safety risks.