

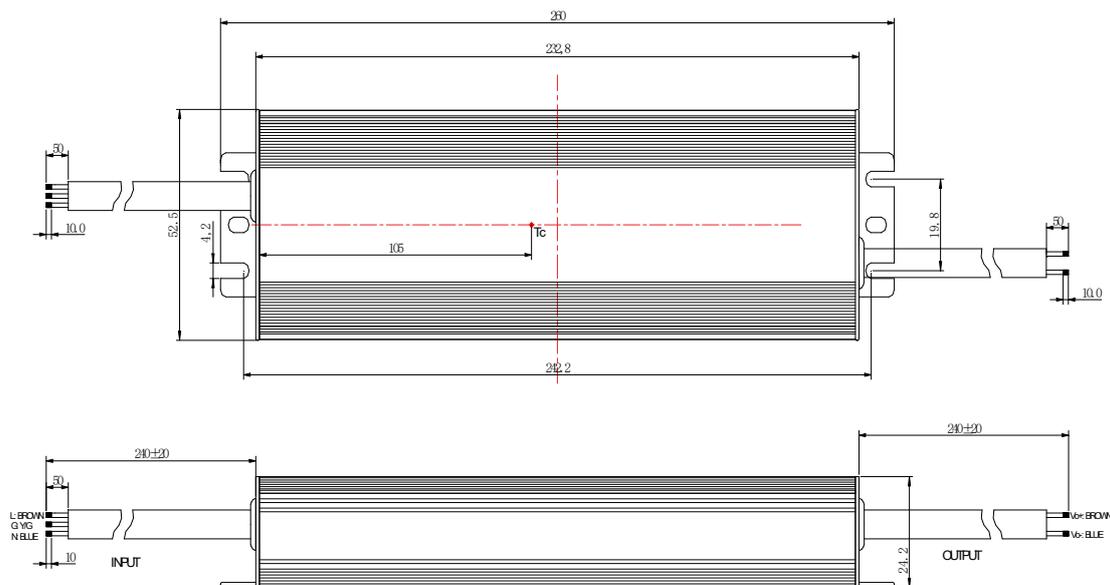
Product Features

- Input voltage: 180~264Vac;
- Isolate constant voltage design;
- Ultra-thin design, easy to install;
- Protections: Output SCP / OCP / OTP;
- IP67 design;
- 3 years warranty.



Model		V8-150B012	V8-150B024
Input	Input voltage	180-264Vac (Refer to Output Power vs. Input Voltage Curve)	
	Input Frequency	47~63Hz	
	Input AC Current	2.0A Max.	
	Efficiency	≥84%	≥86%
	Leakage Current	<3.5mA/240Vac	
	Inrush Current	120A Max.	
Output	Rated voltage	12V	24V
	Rated Current	12.5A	6.25A
	Rated power	150W	
	Ripple & Noise	240mVp-p Max.	300mVp-p Max.
	Voltage Tolerance	±5%	
	Line Regulation	±1%	
	Load Regulation	±2%	
	Setup rise time (Max.)	≤ 3S/230Vac @ full load	
	Hold up time	≥10mS/230Vac @ 80% of full load	
Protection	Overload	Hiccup mode; 105-160% rated output current; Recovers automatically after fault condition is removed.	
	Short circuit	Hiccup mode; Recovers automatically after fault condition is removed.	
	Over temperature	Recovers automatically after fault condition is removed	
SAFETY&EMC	Safety	IEC62368-1, EN 62368-1	
	Dielectric Strength	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC,60S/≤5mA	
	Insulation Resistance	I/P-O/P,I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH	
	EMC	EN55032 Class A	
Environment	Working Temperature & Humidity	-25~60°C(Refer to Derating curve), 20~90% Non-condensing	
	Storage Temperature & Humidity	-30~85°C, 10~95%RH	
Other	Life Time	Tc:75°C, 230Vac @ full load	
	Dimensions (L*W*H)mm	260*52.5*24.2mm	
	Wires	Input: H05RN-F, 3*1.0mm ² L=240±20mm Output: H07RN-F, 2*1.5mm ² L=240±20mm	
	Net Weight	580g/PCS	
	Package	L330*W295*H230mm, 30PCS/Ctn., Gross Weight: 19.5Kg	
Note	1. All performance parameters are measured at 25°C ambient temperature, 230Vac input, full load conditions, except for those specified; 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.		

MECHANICAL OUTLINE

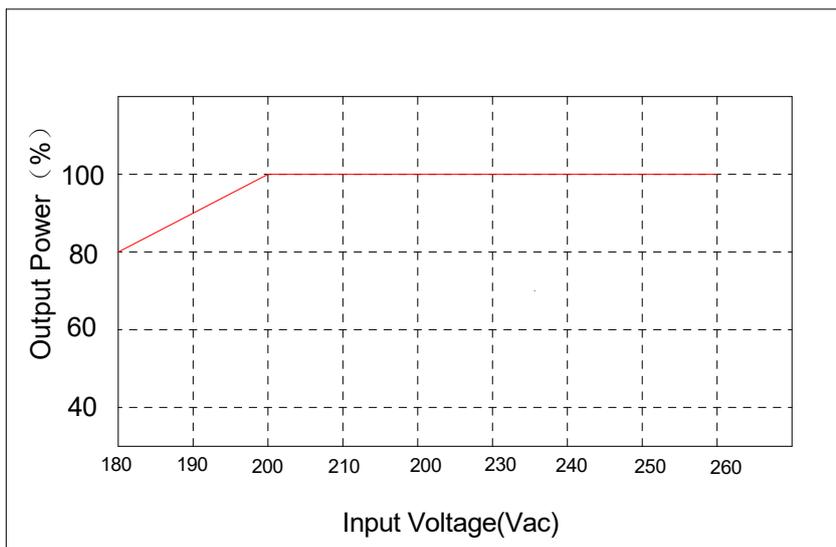


Label

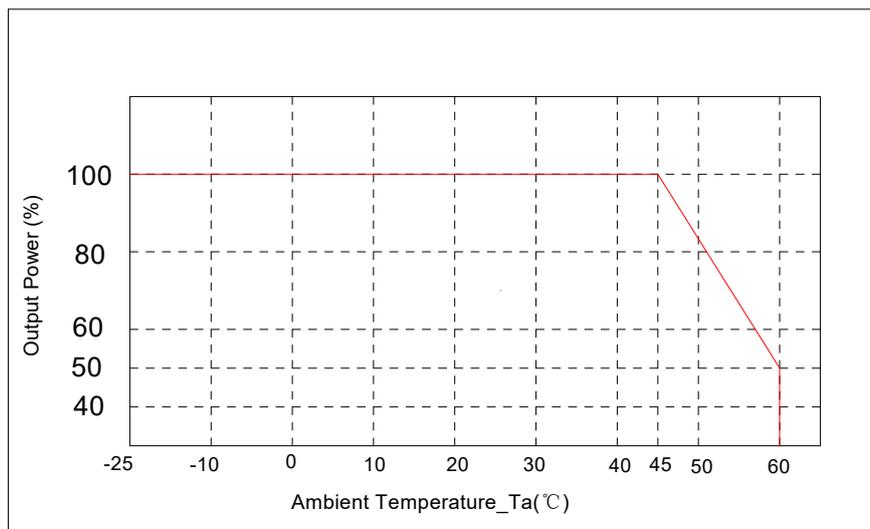
INPUT	MOSO [®] V8-150B012 Switching Power Supply	OUTPUT				
L BROWN	<table border="1"> <tr> <td>INPUT</td> <td>200-240V~ 50/60Hz, 2.0A Max.</td> </tr> <tr> <td>OUTPUT</td> <td>Output current: 12.5A Max. Urated 12V---, Prated:150W Max.</td> </tr> </table>	INPUT	200-240V~ 50/60Hz, 2.0A Max.	OUTPUT	Output current: 12.5A Max. Urated 12V---, Prated:150W Max.	BROWN Vo +
INPUT		200-240V~ 50/60Hz, 2.0A Max.				
OUTPUT	Output current: 12.5A Max. Urated 12V---, Prated:150W Max.					
N BLUE	<p>CE IP67 RoHS </p> <p>MADE IN CHINA SHENZHEN MOSO ELECTRONICS TECHNOLOGY CO., LTD No.1061, Songbai Road, Xili Town, Nanshan District, Shenzhen, CHINA</p>	BLUE Vo -				
G Y/G		EN 55032 CLASS A				

INPUT	MOSO [®] V8-150B024 Switching Power Supply	OUTPUT				
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OUTPUT POWER VS. INPUT VOLTAGE CURVE



OUTPUT POWER VS. AMBIENT TEMPERATURE



Version

A.1	First release	2025-11-18

Specification for Approval

Product Name: 150W Switching Power Supply

Product Model: V8-150B012

V8-150B024

Rev: A.1

Address:XiLiSongbai Road 1061, Nanshan District, Shenzhen City, Guangdong, China

Tel: 0755-27657000

FAX: 755-27657908

E-mail:info@mosopower.com

Web Site:<http://www.mosopower.com>

Prepared By	Checked By	Approved By

Specification for Approval

Product Name: 150W Switching Power Supply

Product Model: V8-150B012

V8-150B024

Rev: A.1

CUSTOMER AUTHORIZED SIGNATURE		
Tested By	Checked By	Approved By
(Company seal)Return one copy to MOSO with approved signature and company seal.		

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