

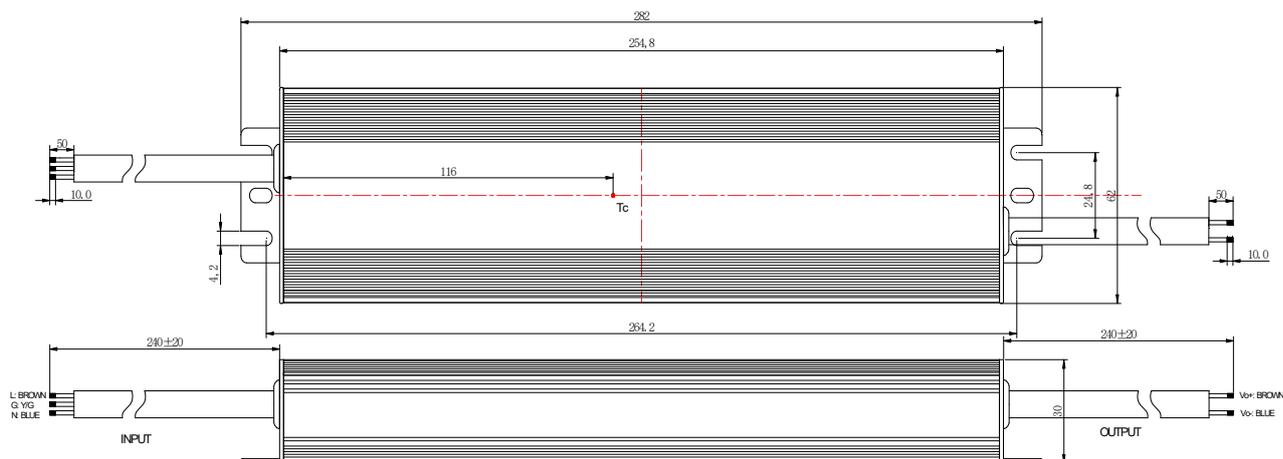
Product Features

- 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 | | V8-200B012 | V8-200B024 |
|-------------|---|--|---------------|
| Input | Input voltage | 180-264Vac (Refer to Output Power vs. Input Voltage Curve) | |
| | Input Frequency | 47~63Hz | |
| | Input AC Current | 2.5A Max. | |
| | Efficiency | ≥85% | |
| | Leakage Current | <3.5mA/240Vac | |
| | Inrush Current | 150A Max. | |
| Output | Rated voltage | 12V | 24V |
| | Rated Current | 16.7A | 8.34A |
| | Rated power | 200W | |
| | 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 | 282*62*30mm | |
| | Wires | Input: H05RN-F, 3*1.0mm ² L=240±20mm Output: H07RN-F, 2*1.5mm ² L=240±20mm | |
| | Net Weight | 820g/PCS | |
| | Package | L390*W325*H190mm, 20PCS/Ctn., Gross Weight: 18.5Kg | |
| 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

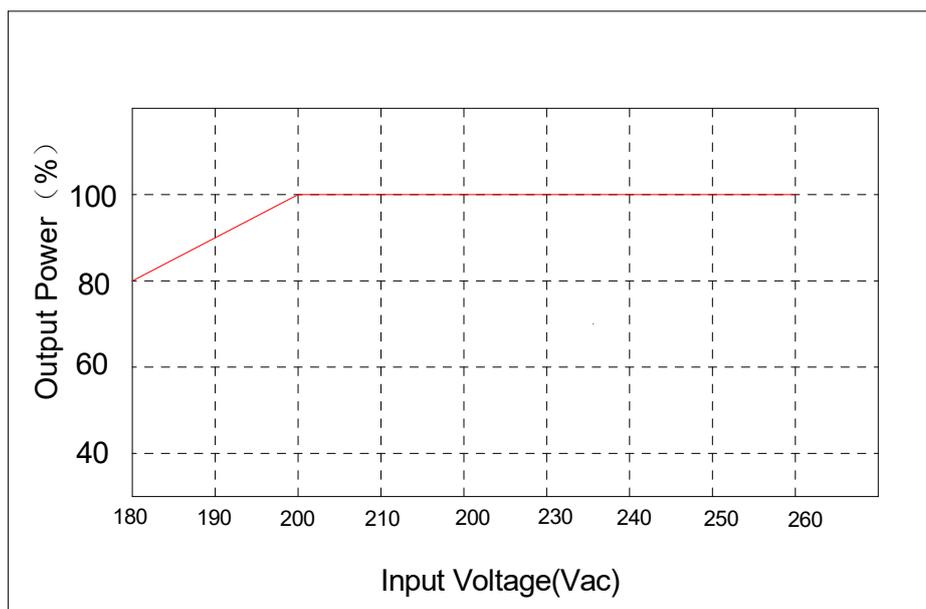


Label

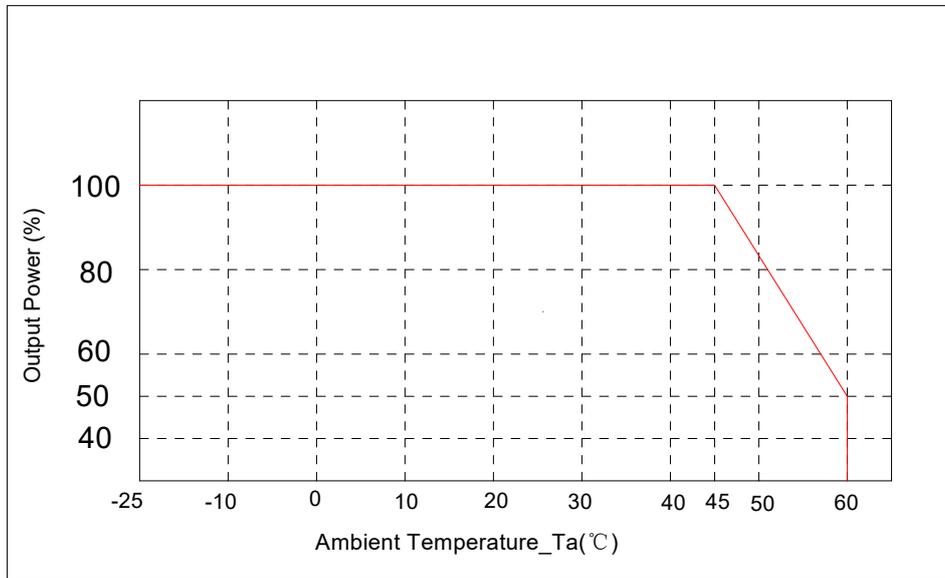
| | | | | |
|--|---|-------------------------|--|--|
| INPUT L BROWN N BLUE G Y/G | V8-200B012 Switching Power Supply | IP67 RoHS | OUTPUT BROWN Vo+ BLUE Vo- EN 55032 CLASS A | |
| | | | | <table border="1"> <tr> <td>INPUT</td> <td>200-240V~ 50/60Hz, 2.5A Max.</td> </tr> <tr> <td>OUTPUT</td> <td>Output current: 16.7A Max. Urated 12V---, Prated:200W Max.</td> </tr> </table> |
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| OUTPUT | Output current: 16.7A Max. Urated 12V---, Prated:200W Max. | | | |
| MADE IN CHINA SHENZHEN MOSO ELECTRONICS TECHNOLOGY CO., LTD No.1061, Songbai Road, Xili Town, Nanshan District, Shenzhen, CHINA | | | | |

| | | | | |
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| MADE IN CHINA SHENZHEN MOSO ELECTRONICS TECHNOLOGY CO., LTD No.1061, Songbai Road, Xili Town, Nanshan District, Shenzhen, CHINA | | | | |

OUTPUT POWER VS. INPUT VOLTAGE CURVE



OUTPUT POWER VS. AMBIENT TEMPERATURE



Version

| | | |
|-----|---------------|------------|
| A.1 | First release | 2025-11-18 |
| | | |
| | | |
| | | |
| | | |
| | | |

Specification for Approval

Product Name: 200W Switching Power Supply

Product Model: V8-200B012

V8-200B024

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: 200W Switching Power Supply

Product Model: V8-200B012

V8-200B024

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. | | |

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

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