

S8JX

Power Supplies



Cost Effective Power Supplies with Multiple Mounting Options

Wide range of DC output voltages

- » 5 V, 12 V, 15 V, 24 V, and 15W, 35W, 50W, 100W, 150W, 300W, 600W sizes

Universal input voltage

- » 85-264 VAC, 50/60 Hz (15W to 150W); switchable 100-120 VAC/200-240 VAC for 300W and 600W

Multiple mounting options

- » For panel design flexibility – DIN, front, bottom, or side

Series operation

- » Available for up to 2 power supplies

Parallel operation

- » Up to 5 units, 300W and 600W models

Extend machine life

- » With built-in overload and overvoltage protection

Approvals

- » UL, cUL, UL508 Listed, CE, SEMI F47, VDE

Adjustable voltage output (-10% to 15%)

Two-year warranty

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OMRON

Specifications & Ordering Information

| Power Rating | Output Voltage | Output Current | Dimensions H x W x D mm (inches) Max. DIN mount | Part Numbers | | | |
|--------------|----------------|----------------|--|--------------------|---------------------|---------------------|----------------------|
| | | | | Open Frame | | Covered Frame | |
| | | | | Front* Mount | DIN-rail Mount | Front* Mount | DIN-rail Mount |
| 15 W | 5 V | 3 A | 96 x 39.5 x 114.5 (3.78 x 1.56 x 4.51) | S8JX-G01505 | S8JX-G01505D | S8JX-G01505C | S8JX-G01505CD |
| | 12 V | 1.3 A | | S8JX-G01512 | S8JX-G01512D | S8JX-G01512C | S8JX-G01512CD |
| | 15 V | 1 A | | S8JX-G01515 | S8JX-G01515D | S8JX-G01515C | S8JX-G01515CD |
| | 24 V | 0.65 A | | S8JX-G01524 | S8JX-G01524D | S8JX-G01524C | S8JX-G01524CD |
| 35 W | 5 V | 7 A | 96 x 39.5 x 114.5 (3.78 x 1.56 x 4.51) | S8JX-G03505 | S8JX-G03505D | S8JX-G03505C | S8JX-G03505CD |
| | 12 V | 3 A | | S8JX-G03512 | S8JX-G03512D | S8JX-G03512C | S8JX-G03512CD |
| | 15 V | 2.4 A | | S8JX-G03515 | S8JX-G03515D | S8JX-G03515C | S8JX-G03515CD |
| | 24 V | 1.5 A | | S8JX-G03524 | S8JX-G03524D | S8JX-G03524C | S8JX-G03524CD |
| 50 W | 5 V | 10 A | 97 x 40 x 124.5 (3.82 x 1.57 x 4.90) | S8JX-G05005 | S8JX-G05005D | S8JX-G05005C | S8JX-G05005CD |
| | 12 V | 4.2 A | | S8JX-G05012 | S8JX-G05012D | S8JX-G05012C | S8JX-G05012CD |
| | 24 V | 2.1 A | | S8JX-G05024 | S8JX-G05024D | S8JX-G05024C | S8JX-G05024CD |
| 100 W | 5 V | 20 A | 97 x 50 x 174.5 (3.82 x 1.97 x 6.87) | S8JX-G10005 | S8JX-G10005D | S8JX-G10005C | S8JX-G10005CD |
| | 12 V | 8.5 A | | S8JX-G10012 | S8JX-G10012D | S8JX-G10012C | S8JX-G10012CD |
| | 24 V | 4.5 A | | S8JX-G10024 | S8JX-G10024D | S8JX-G10024C | S8JX-G10024CD |
| 150 W | 24 V | 6.5 A | 97 x 50 x 174.5 (3.82 x 1.97 x 6.87) | S8JX-G15024 | S8JX-G15024D | S8JX-G15024C | S8JX-G15024CD |
| 300 W | 24 V | 14 A | 96 x 110 x 204.8 (3.78 x 4.33 x 8.06) | — | — | S8JX-G30024C | S8JX-G30024CD |
| 600 W | 24 V | 27 A | 92 x 150 x 184.2 (3.62 x 5.90 x 7.25) | — | — | S8JX-G60024C | — |

* - Front mount models can also be side or bottom mounted. Front mounting bracket included. See datasheet for other optional mounting bracket details.

Optional Mounting Brackets

| Description | Part Numbers |
|--|-------------------|
| Mounting Bracket A (bottom mounting for 50 W models) | S82Y-JX05B |
| Mounting Bracket B (bottom mounting for 100 W: 24 V models) | S82Y-JX10B |
| Mounting Bracket C (bottom mounting for 100 W: 5 V and 12 V models and 150 W models) | S82Y-JX15B |
| Mounting Bracket D (front mounting for 100 W: 5 V and 12 V models and 150 W models) | S82Y-JX15F |

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Note: Specifications are subject to change.

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