

## 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

# S8JX Power Supplies

OMRON

## Specifications & Ordering Information

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

\* - 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)                                 | <b>S82Y-JX05B</b> |
| Mounting Bracket B (bottom mounting for 100 W: 24 V models)                          | <b>S82Y-JX10B</b> |
| Mounting Bracket C (bottom mounting for 100 W: 5 V and 12 V models and 150 W models) | <b>S82Y-JX15B</b> |
| Mounting Bracket D (front mounting for 100 W: 5 V and 12 V models and 150 W models)  | <b>S82Y-JX15F</b> |

OMRON ELECTRONICS LLC • THE AMERICAS HEADQUARTERS • Schaumburg, IL USA • 847.843.7900 • 800.556.6766 • www.omron247.com

OMRON CANADA, INC. • HEAD OFFICE

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • www.omron247.com

OMRON ELECTRONICS MEXICO SA DE CV • HEAD OFFICE

Apodaca, N.L. • 52.811.156.99.10 • 001.800.556.6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

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Note: Specifications are subject to change.

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