

New Product

OMRON

Switch Mode Power Supply S8EX (15, 30, 50, 100, 150, and 240-W Models)

Newly Released High-capacity 240-W Models in S8EX-series Lineup
Rated Output of 300 W for 200 VAC.*

* From 170 to 264 VAC.

New 240-W Models

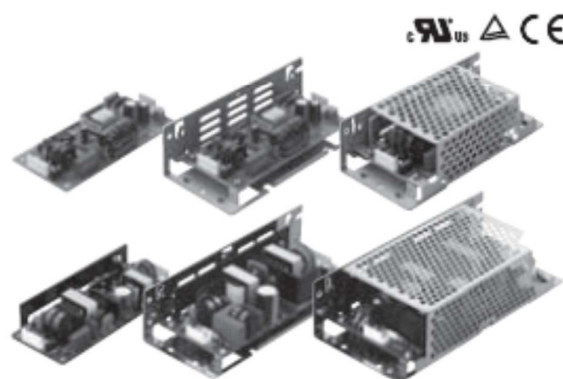
- Lineup of models with 24-, 36-, and 48-VDC output voltages.

15-W, 35-W, 50-W, 100-W, and 150-W Models

- Lineup of models with from 5 to 48-VDC output voltages.

All Models

- Approved standards:
UL60950-1, cUR CSA C22.2 No. 60950-1, EN 50178, and EN 60950-1
- Lineup includes open-frame models, models with chassis, and models with chassis and covers.
- Wide-range power supply: 100 to 240 VAC
- Complies with harmonic current standard in EN 61000-3-2 (50-W to 240-W models).
- The top class in industry for compact size.
- Boost current output (some models excluded).



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Refer to Safety Precautions on page 22.

Model Number Structure

Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models in Ordering Information* on page 2.

S8EX-

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1 2 3 4 5 6 7 8

1. Power Boost Function

- Blank: None
- B: Power boost for output current

2. Power Factor Improvement Function

- N: None
- P: Power factor improvement function provided *
- * Harmonic current standard: EN 61000-3-2 compliant.

3. Power Ratings

- 015: 15 W
- 030: 30 W
- 050: 50 W
- 100: 100 W
- 150: 150 W
- 240: 240 W

4. Output Voltage

- 05: 5 V
- 12: 12 V
- 15: 15 V
- 24: 24 V
- 36: 36 V
- 48: 48 V

5. Configuration

- None: Open-frame
- L: With chassis
- LC: With chassis and cover

6. Option 1

- None: Standard model
- CN1: XH connector (manufactured by J.S.T. Mfg. Co., Ltd.) *
- * This option is applicable only for 15-W models.

7. Option 2

- None: Standard model
- R: Remote control *
- * This option is applicable only for 50-W, 100-W, 150-W, and 240-W models.
- * This option is applicable only for open-frame models.

8. Option 3

- None: Standard model
- C: Coating (one side) *
- * This option is applicable only for open-frame models.

S8EX

Ordering Information

List of Models

Note: For details on normal stock models, contact your nearest OMRON representative.

Open frame



Power ratings	Output voltage	Output current	Boost current	Model
15 W	5 V	3 A	—	SeEX-N01505
	12 V	1.3 A		SeEX-N01512
	15 V	1 A		SeEX-N01515
	24 V	0.7 A		SeEX-N01524
	48 V	0.32 A		SeEX-N01548
30 W	5 V	6 A	—	SeEX-N03005
	12 V	2.5 A		SeEX-N03012
	15 V	2 A		SeEX-N03015
	24 V	1.3 A		SeEX-N03024
	48 V	0.65 A		SeEX-N03048
50 W	5 V	10 A	15 A	SeEX-BP05005
	12 V	4.3 A	6.5 A	SeEX-BP05012
	24 V	2.1 A	4.2 A	SeEX-BP05024
	48 V	1.1 A	2.2 A	SeEX-BP05048
100 W	5 V	20 A	—	SeEX-P10005
	12 V	8.5 A	12.8 A	SeEX-BP10012
	24 V	4.3 A	8.6 A	SeEX-BP10024
	48 V	2.1 A	4.2 A	SeEX-BP10048
150 W	5 V	30 A	—	SeEX-P15005
	12 V	12.5 A	18.8 A	SeEX-BP15012
	24 V	6.3 A	12.6 A	SeEX-BP15024
	48 V	3.2 A	6.4 A	SeEX-BP15048
240 W	24 V	10 A (100 VAC) 12.5 A (200 VAC)	20 A	SeEX-BP24024
	36 V	6.7 A (100 VAC) 8.4 A (200 VAC)	13.4 A	SeEX-BP24036
	48 V	5 A (100 VAC) 6.3 A (200 VAC)	10 A	SeEX-BP24048

Note: The input voltage is 100 to 240 VAC for all models.

