Power Supplies
Reliable DC power for your panel

OMRON
AUTOMATION & SAFETY

S8VS - Single Phase

Compact power supplies with optional Smart Display models

- Unique LED display and alarm output shorten troubleshooting and support preventive maintenance (60-480 W models)
- Power supply service life monitor ("A" type)
- Run-time monitor for connected load ("B" type)
- Power Factor Correction function standard
- Class 2 output (90 W models and below)
- Alarm outputs (90 - 480 W LED models) available: 1 undervoltage outputs, 1 for lifetime or run-time
- 3-year warranty on all models

Enclosure
- Covered

Terminal Block Form
- Screw and cage clamp terminals

Approvals
- Meets international safety standards: UL, cUL, UL508 Listed, SEMI F47 and CE

S8VM - Single Phase

Compact power supplies with optional LED diagnostic display

- Slim designs help downsize machine panels
- Overvoltage protection (standard) of 105% to 160% rated load current
- Undervoltage alarm option signals an error and helps identify the source
- Terminal block protects fingers against electric shock
- Multiple mounting options
- Class 1, Div 2 rated for hazardous areas
- Power Factor Correction function standard
- 1-year warranty

Enclosure
- Open-frame and Covered

Terminal Block Form
- Screw terminals

Approvals
- cULus Listed, cULus Recognized, TUV, and CE

S8VE - Single Phase

Compact power supply (without indication monitor)

- Universal input voltage
- Compact size saves panel space and fits between shorter ducts
- Easy to install screwless terminal block models available
- 2-year warranty

Enclosure
- Covered

Terminal Block Form
- Screw and cage clamp terminals

Approvals
- cULus Listed, cULus Recognized, VDE, CE, and SEMI F47

S8JX - Single Phase

Cost effective power supplies with multiple mounting options

- Universal input voltage
- Multiple mounting options
- Series operation: connect up to 2
- Parallel operation on 300 and 600 W
- Built-in overload and overvoltage protection
- Adjustable voltage output (-10% to 15%)
- 2-year warranty

Enclosure
- Open-frame and Covered

Terminal Block Form
- Screw and cage clamp terminals

Approvals
- cULus Listed, cULus Recognized, VDE, CE, and SEMI F47

S8VT-F - Three Phase

Compact three-phase power supply

- Three-phase input voltage
- High stability, low ripple and noise level
- Conforms to EN61000-3-2
- Efficiency: 86% to 91% (varies per model)
- Compact design and convection air cooled (no fans)
- Overload and overvoltage protection included
- Parallel and series operation possible
- 1-year warranty

Enclosure
- Covered

Terminal Block Form
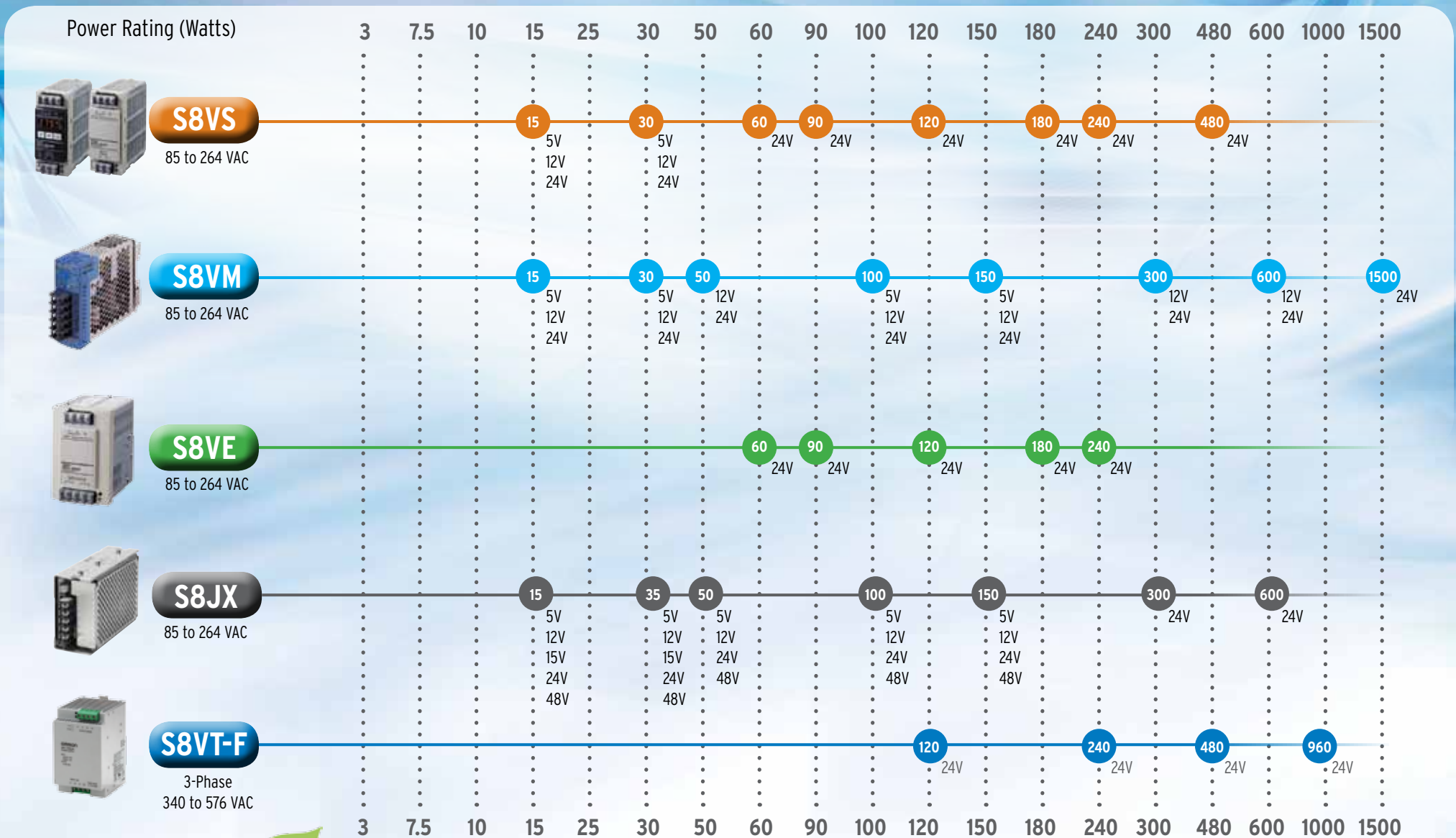- Screw terminals

Approvals
- cULus Listed, cULus Recognized, VDE, CE, and SEMI F47

Power Supplies
Find the right power rating to keep your critical equipment operational

OMRON — AUTOMATION & SAFETY

Power Rating Line-up

Power Rating (Watts)

Series	15	25	30	50	60	90	100	120	150	180	240	300	480	600	1000	1500
S8VS 85 to 264 VAC	15 (5V, 12V, 24V)		30 (5V, 12V, 24V)		60 (24V)	90 (24V)		120 (24V)		180 (24V)	240 (24V)		480 (24V)			
S8VM 85 to 264 VAC	15 (5V, 12V, 24V)		30 (5V, 12V, 24V)	50 (12V, 24V)			100 (5V, 12V, 24V)		150 (5V, 12V, 24V)			300 (12V, 24V)		600 (12V, 24V)		1500 (24V)
S8VE 85 to 264 VAC					60 (24V)	90 (24V)		120 (24V)		180 (24V)	240 (24V)					
S8JX 85 to 264 VAC	15 (5V, 12V, 15V, 24V, 48V)		35 (5V, 12V, 15V, 24V, 48V)	50 (5V, 12V, 24V, 48V)			100 (5V, 12V, 24V, 48V)		150 (5V, 12V, 24V, 48V)			300 (24V)		600 (24V)		
S8VT-F 3-Phase 340 to 576 VAC								120 (24V)			240 (24V)		480 (24V)		960 (24V)	

All of Omron's Power Supplies are RoHS Compliant