

Perfect Power Supply Solutions for maximum system and machine availability

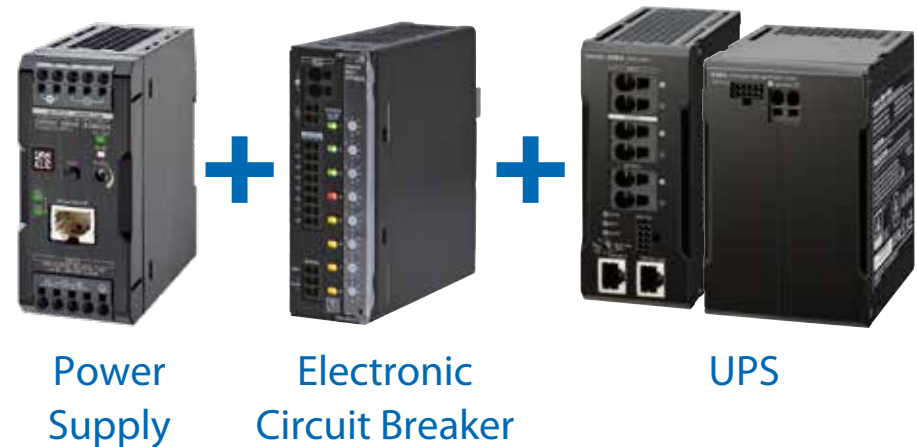


Perfect Power Supply Solutions

Omron, the leading supplier of control components, offers a complete product range of power supplies, electronic circuit breakers and UPS units for sensitive circuits and loads.

An innovative design of the power supply system in control cabinets creates new value for panel builders and improves the overall machine design to avoid high costs due to unexpected machine downtimes.

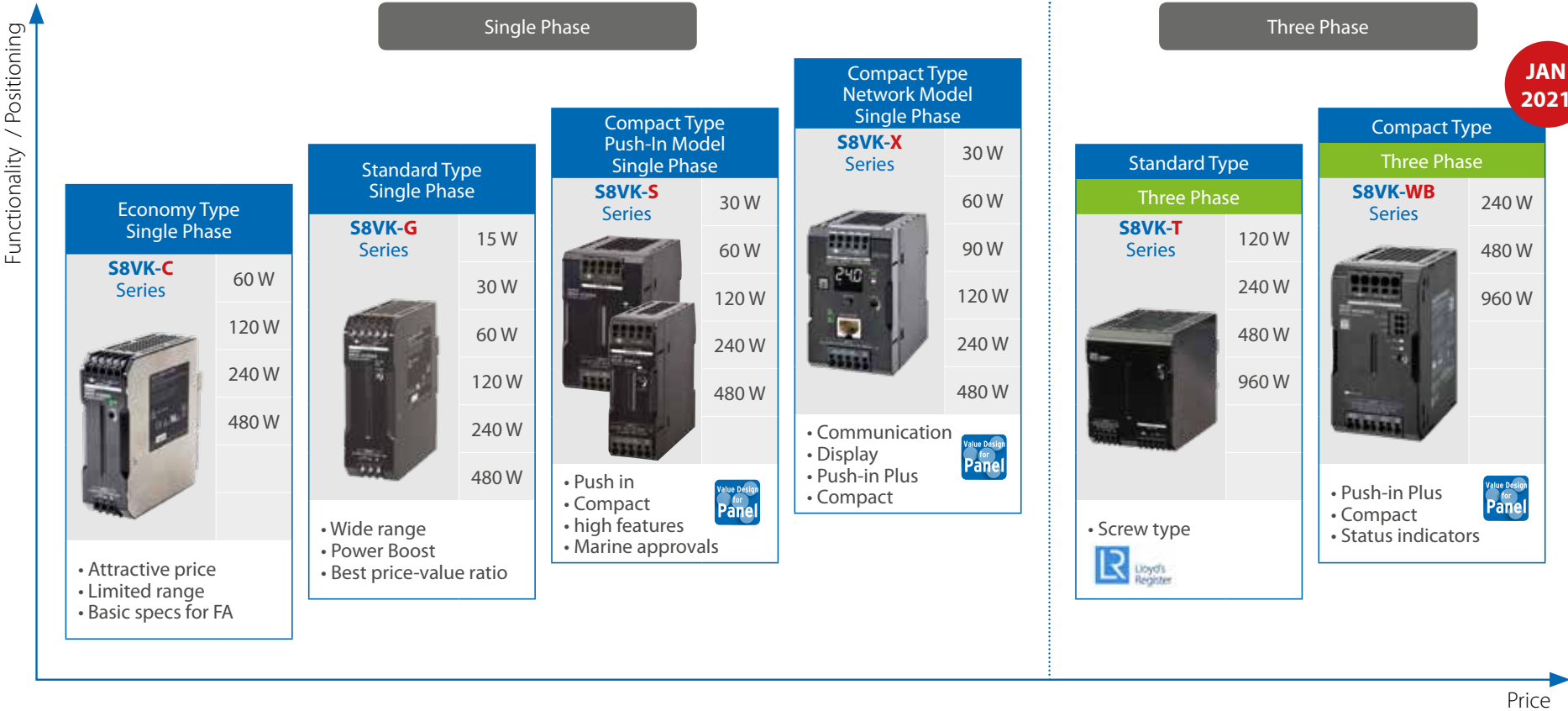
For an up-to-date power supply systems the individual components must be highly efficient, very compact, fail-safe and they need to have a long lifetime.



Smooth operation without machine downtimes

- Power supplies designed to get more benefit out of the control panel
- Electronic circuit breaker increases machine run time
- Protection of critical industrial equipment against power outages

Power Supply



Electronic Circuit Breaker



S8V-CP0424






























S8V-CP0424S



S8V-CP0824

UL Class 2 with a fixed rated output current 3.8 A

Uninterruptible Power Supply

| | | | | | | |
|------------|---|---|--|---|--|---|
| Capacity ↑ | 3500W (5000VA) | | | |  | |
| | 2100W (3000VA) | | | | BU3002SWG | |
| | 1400W (2000VA) | | | |  | |
| | 700W (1000VA) | | | | BU1002SWG | |
| | 960W (40A) | |  |  | | |
| | 480W (20A) | |  |  |  | |
| | 360W (15A) | |  | | | |
| | 240W (10A) | |  | | | |
| | 120W (5A) |  | | | | |
| | | Integrated battery type | | | Separated battery type | Battery unit |
| | DC-DC UPS S8BA series | | | | AC-AC UPS BU series | |
| |         Marine approval | | |      | |     |

Single-phase Noise Filter

| Rated voltage | Rated current | Model number | Dimensions w.x.d (UNIT: mm) |
|---------------|---------------|--------------|--------------------------------|
| 250 VAC | 3 A | S8V-NFS203 | 32x90x86 |
| 250 VDC | 6 A | S8V-NFS206 | |



Redundancy Unit

| Input voltage | Output current | Model number |
|---------------|----------------|--------------|
| 5 to 30 VDC | 10 A | S8VK-R10 |
| 10 to 60 VDC | 20 A | S8VK-R20 |



Power Supply Selection Table

| Type | Application needs | Recommended OMRON Model | |
|------------------|----------------------------------|-------------------------|-------------|
| | | First Choice | Alternative |
| Function | Monitor status with network | S8VK-X | ----- |
| | Monitor status with display | S8VK-X_A | S8VS-A/B |
| | Monitor lifetime | S8VK-X | S8VS-A/B |
| | Remote control | S8VK-X | ----- |
| | Confirm low output voltage | S8VK-S | ----- |
| | Power boost | S8VK-S/-X | S8VK-G |
| | Parallel operation | S8VK-S/-X | S8VK-G |
| Mounting | Built-in branch circuit | S8AS | ----- |
| | Compact size | S8VK-S/-X | S8FS-G |
| | With cooling fan | S8FS-G | ----- |
| | Push-in Plus terminal | S8VK-S/-X/-W | ----- |
| | Rod terminal | S8VK-G | S8VK-C |
| | Screw terminal | S8FS-G | S8VS |
| | Connector terminal | S8FS-G | ----- |
| | DIN rail mounting | S8VK-S | S8VK-G |
| Environment | Screw mounting | S8FS-G | ----- |
| | Three-phase 400V Input | S8VK-WB | S8VK-T |
| | Coating | S8VK-S/-X/-W | ----- |
| | Operation with 70 °C | S8VK-S/-X/-W | S8VK-G |
| | Operation with -40 °C | S8VK-S/-X/-W | S8VK-G |
| Safety Standards | vibration resistance 5G | S8VK-S/-X/-W | ----- |
| | UL508 listing | S8VK-S/-X/-W | S8VK-G |
| | Class 2 output | S8VK-S/-X | S8VK-G |
| | EMI ClassB | S8VK-S/-X/-W | S8VK-G |
| | Marine approval | S8VK-S/-T | S8VK-G |
| | Power factor control for CE | S8VK-S/-X/-W | S8VK-G |
| | Operation up to 3,000 m altitude | S8VK-S | S8VK-G |
| Other | Low price | S8VK-C | S8FS-G/-C |
| | 5 year warranty | S8VK-S/-X/-W | ----- |
| | 3 year warranty | S8VK-G | S8VS |



Would you like to know more?

OMRON EUROPE

 +31 (0) 23 568 13 00

Sales & Support Offices

Austria

Tel: +43 (0) 2236 377 800
industrial.omron.at

Belgium

Tel: +32 (0) 2 466 24 80
industrial.omron.be

Czech Republic

Tel: +420 234 602 602
industrial.omron.cz

Denmark

Tel: +45 43 44 00 11
industrial.omron.dk

Finland

Tel: +358 (0) 207 464 200
industrial.omron.fi

France

Tel: +33 (0) 1 56 63 70 00
industrial.omron.fr

Germany

Tel: +49 (0) 2173 680 00
industrial.omron.de

Hungary

Tel: +36 1 399 30 50
industrial.omron.hu

Italy

Tel: +39 02 326 81
industrial.omron.it

Netherlands

Tel: +31 (0) 23 568 11 00
industrial.omron.nl

Norway

Tel: +47 22 65 75 00
industrial.omron.no

Poland

Tel: +48 22 458 66 66
industrial.omron.pl

Portugal

Tel: +351 21 942 94 00
industrial.omron.pt

Russia

Tel: +7 495 648 94 50
industrial.omron.ru

South Africa

Tel: +27 (0)11 579 2600
industrial.omron.co.za

Spain

Tel: +34 902 100 221
industrial.omron.es

Sweden

Tel: +46 (0) 8 632 35 00
industrial.omron.se

Switzerland

Tel: +41 (0) 41 748 13 13
industrial.omron.ch

Turkey

Tel: +90 (216) 556 51 30
industrial.omron.com.tr

United Kingdom

Tel: +44 (0) 1908 258 258
industrial.omron.co.uk

More Omron representatives

industrial.omron.eu