

S8VK-S – Power Supplies

Most Compact Push-In Plus Power Supply

Most compact body

36% less volume compared to previous version S8VK-G

Side-by-side mounting

with 0 mm spacing contributes to a 30 % less mounting space required

Reduced wiring time (up to 60%)

by the new push-in technology: simple, quick and tool free (both hands available)

Double set of DC output terminals

(three for the negative terminal), which means you also spend less time and effort on wiring

Power boost 150 % (240W and 480W)



5G vibration resistance

To handle severe vibration conditions

Coated PCB (standard spec)

Allows resistance in tough environments

Voltage alarm output (240W~)

Higher efficiency

allows less heat radiation that together with plastic housing contributes to reducing space while installing together with the rest of components within the control panel

S8VK-S

Easy and fast installation



Value Design
for
Panel

Easy wiring

(Push-In Plus technology) simply push in the wire and the special mechanism within the terminal keeps it firmly in place.

Resistant in tough environments



Withstands the harshest environments and provide stable operation over a wide operating temperature range.

The most compact design on the market



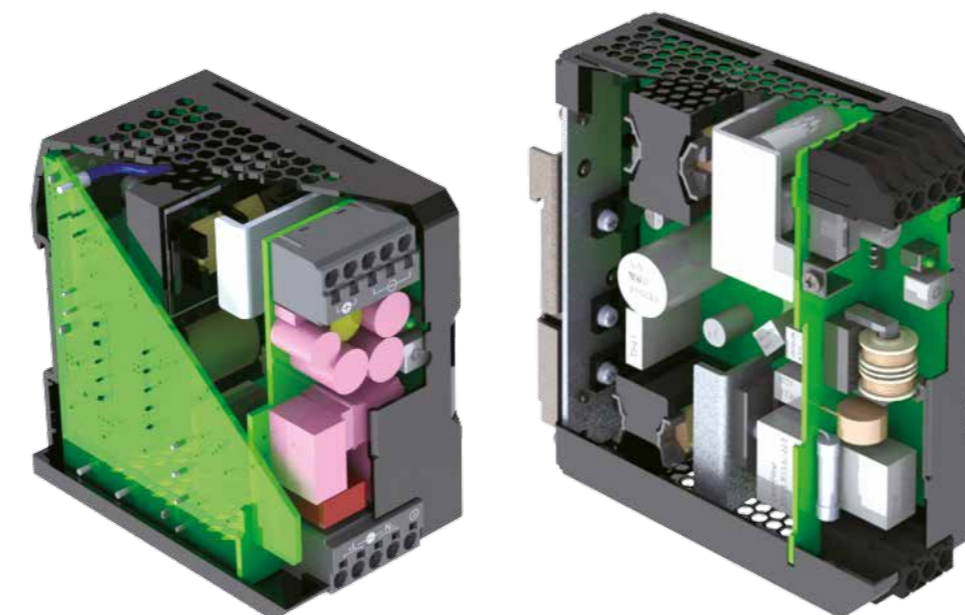
50% less volume for the S8VK-S with 480W
36% less volume for the S8VK-S with 120W
In comparison with previous model S8VK-G

Side-by-side mounting



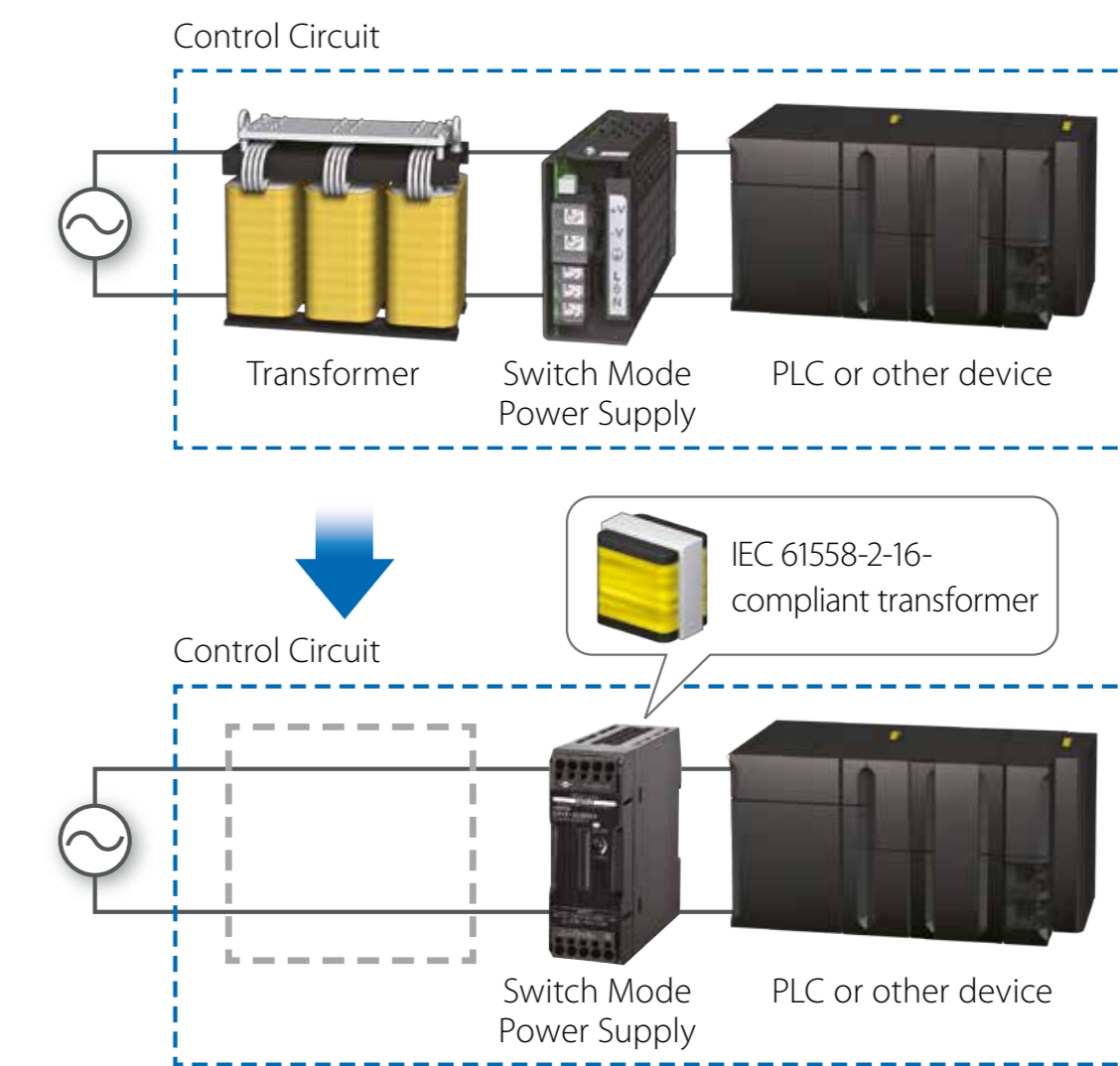
With 0 mm spacing contributes to a 30 % less mounting space required

Long-life guaranteed



> 10 years lifetime expectancy
High MTBF figures keep your S8VK power supply running

Build in Control Circuit Transformer



Eliminates the need for an external transformer

S8VK-S Series

Additional features:

Perfect fit for small control panels.

- Operation possible at ambient temperatures from -40 to 70°C
- Input voltage 85 to 264 VAC or 90 to 350 VDC
- Power boost function at 120% (60 W and 120 W)
- Power boost function at 150% (240 W and 480 W)
- 300-VAC abnormal input voltage supported for 1 second
- Undervoltage alarm (240 W and 480 W)
- Side-by-side mounting possible (up to 55°C)
- Vibration resistance to 5G
- PCB coating protects against dust, corrosive gas and humidity
- UL/EN/IEC 60950-1 and EN50178 for 3000 m altitude
- ATEX/ANSI approval
- LR/DNV-GL marine approval



Portfolio

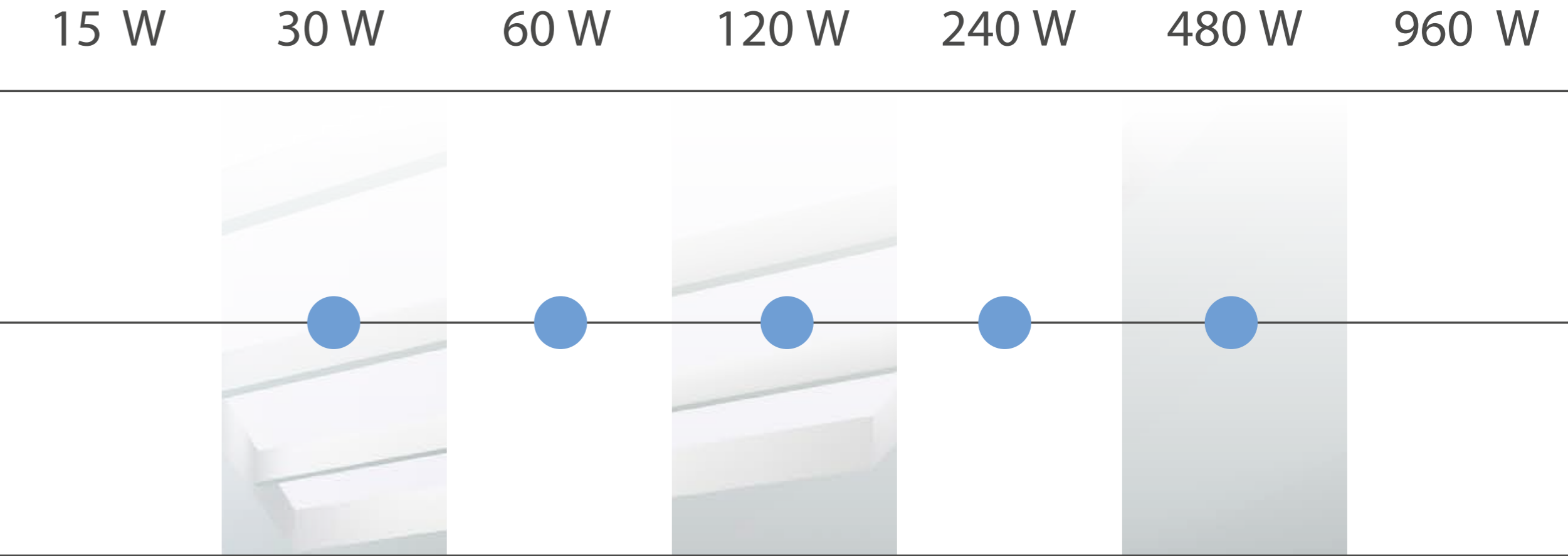
S8VK-S

- Perfect fit for small control panels
- Coated PCBs for better resistance to environment
- Push-In Plus technology for easy wiring



24 V

Power rating / output voltage



Power rating	Rated input voltage	Rated output voltage	Rated output current	Undervoltage alarm output	Maximum boost current	Size (W×H×D) (mm)	Model
30 W	100 to 240 VAC (allowable range: 85 to 264 VAC or 90 to 350 VDC)	24 V	1.3 A	No	1.56 A	32×90×90	S8VK-S03024
60 W		24 V	2.5 A	No	3 A	32×90×90	S8VK-S06024
120 W		24 V	5 A	No	6 A	55×90×90	S8VK-S12024
240 W		24 V	10 A	Yes	15 A	38×124×117.8	S8VK-S24024
480 W		24 V	20 A	Yes	30 A	60×124×117.8	S8VK-S48024