

Peak-load support power supply

SWK Series

Small-size power supply

SWL Series



Feature

SWK / SWL Series Common

- LLC Resonant Circuit System is adopted. Top-class high-efficiency, low-noise power sources. (LLC Resonant Circuit Method: 150W, 240W, 300W 3 models.)
- UL/CSA/EN62368-1 of acquiring new safety standards in each country, IEC60950-1(CB Report: excluding 100 W)
- Compliance with PFC/Harmonized Current Regulations (in compliance with IEC-61000-3-2) (excluding 50W models)
- Responding to various noise standards To comply with VCCI-B, the FCC-B, the CIPR32, and EN55032

SWK Series

- Complete compatibility with the SWF Series of Pick-load-compatible general-purpose switching power sources.
- Corresponds to two times (within 10 second) of the peak output current with respect to the rated output current.
- Compliance with Appended Table 8 of paragraph 1 of the Electrical Appliance and Material Safety Act (only 50W model)

SWL Series

- 30% reduction in volume compared to the current equivalent capacity product. (For 240W model) Achieve output capacity of 1 rank higher for products of the same size. (100W model is the current size)

Specifications

Model		Under development				Under development			
Model		SWK050P	SWK100P	SWK150P	SWK240P	SWL100	SWL150	SWL240	SWL300
Input voltage		AC 85 to 265 V							
Rated output voltage	12V	●	-	-	-	●	● ※ Ready-to-do	● ※ Ready-to-do	-
	24V	●	●	●	●	●	●	●	●
	36V	-	●	●	●	●	●	●	●
	48V	-	●	●	●	●	●	●	●
Output power	Rating	50W	100W	150W	240W	100W	150W	240W	300W
	Peaking	100W	200W	300W	504W	-	-	-	-
Operating temperature range		-10 to +70°C (with ladies)							
Board Non-Consolidated Profile W x H x D		50 x 28.5 x 132mm	62 x 33.5 x 155mm	75 x 37 x 160mm	84 x 42 x 180mm	62 x 33.5 x 155mm		75 x 37 x 160mm	84 x 42 x 180mm
		SWF050P Same size	SWF100P Same size	SWF150P Same size	SWF240P Same size	SWF100P Same size		SWF150P Same size	SWF240P Same size
Sample		○	○	○	○	○	○	○	○
MP	Mass production	Oct,2019	Mass production	Mass production	Oct,2019	Mass production	Mass production	Mass production	Mass production



SANKEN ELECTRIC CO.,LTD.

● Home Page

<http://www.sanken-ele.co.jp>

Please contact below

Tokyo Office

Tokyu Building Higashi 5-gokan
2-25-5, Minami-Ikebukuro, Toshima-ku, Tokyo
171-002, Japan
Phone: +81-3-3986-6151

Osaka Branch

Meiji Yasuda Seimei Osaka Umeda Bldg.
3-3-20, Umeda, Kita-ku, Osaka-shi, Osaka
530-0001, Japan
Phone: +81-6-6450-4400

Nagoya Sales Office

Nagoya Crosscourt Tower
4-4-10 Meieki, Nakamura-ku, Nagoya-shi, Aichi-ken
450-0002, Japan
Phone: +81-52-581-2767

Inquiry by E-mail

sw.power@sanken-ele.co.jp

● This promotion sheet is as of April 2019.

● Please note that the contents are subject to change without notice for product improvement.