

Compact Switching AC Adaptor With Peak Load Capability



The SED series are compact, wide ranging AC adaptors that can provide 1.2 ~ 1.3 times the rated current whilst achieving energy saving regulations, ideal for office and PC applications.

Features and Benefits

- Incorporates Sanken's IC & PSU technology
- Achieves top class low stand-by power(0.5W or less)
- High Efficiency
- World wide input voltage
- Large capacity within small footprint
- Support peak load (1.2 ~ 1.3 load current)
- Variety of safety standards including UL60950-1, c-UL, PSE (J60950)
- Protection: OCP, OVP, OTP



Applications

- Note PC
- Office / Information equipment
- Hand held device, mini printer, mobile machine

Specifications

Model Name	SED80N2-12.0	SED80N2-16.0 SED80N3-16.0	SED80N2-19.0	SED80N2-24.0 SED80N3-24.0
Output Power (Rated / Max)	45W / 60W	60W / 70W	64W / 80W	64W / 80W
Rated Output Voltage	12.0V	16.0V	19.0V	24.0V
Rated Output Current	3.75A	3.75A	3.37A	2.65A
Output Current Range	0 ~ 5.0A	0 ~ 4.38A	0 ~ 4.20A	0 ~ 3.33A
Size / Weight	114.5 x 50.5 x 28.0 / 250g or less			

DC Plug and Input Inlet

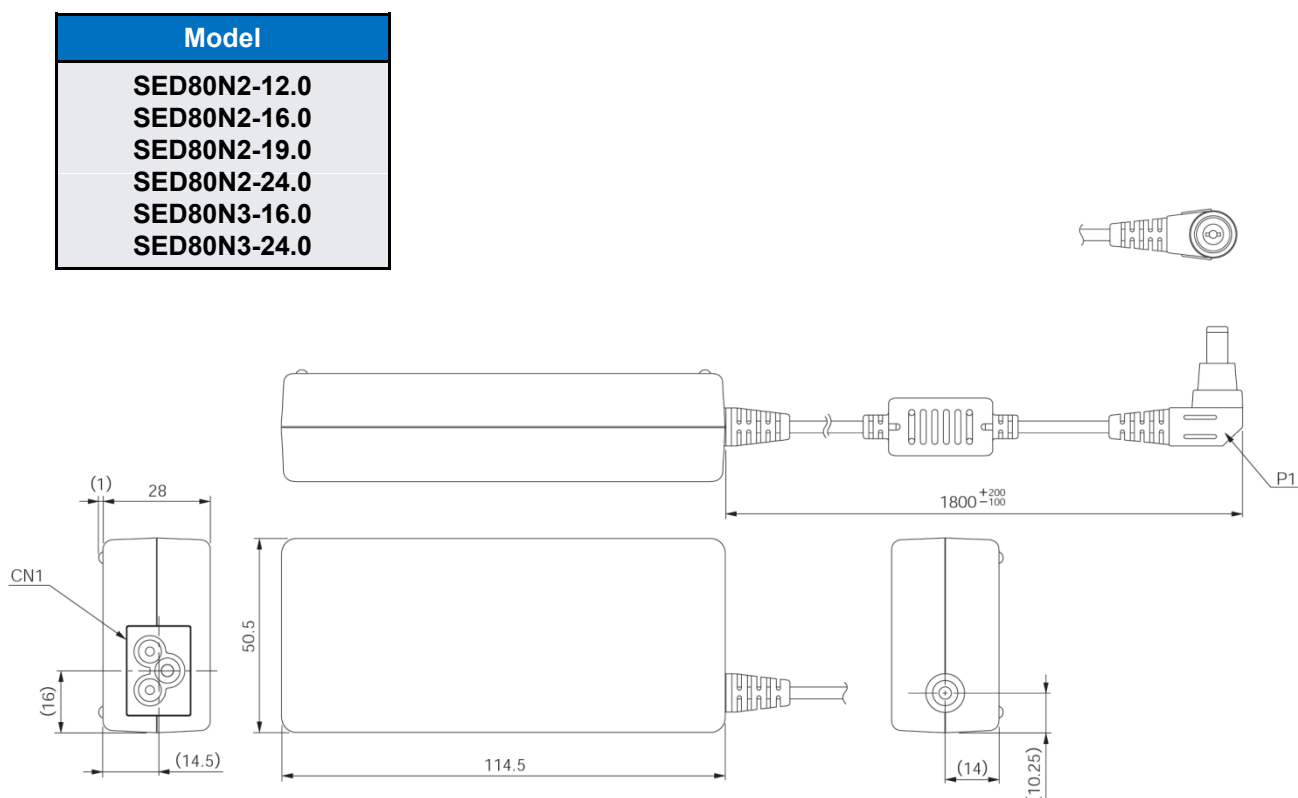
※DC plug, core, design may change in output voltage

	12.0V	16.0V	19.0V	24.0V
DC plug	EIAJ RC-5320A Vol type 4	EIAJ RC-5320A Vol type 5	outer $\Phi 5.5$ inner $\Phi 2.5$	outer $\Phi 5.5$ inner $\Phi 2.1$

※input inlet (differs per series)

	SED80N2	SED80N3
Inlet	2 polar (IEC60320-1 C8)	3 polar (IEC60320-1 C6)

External Dimensions (mm)



Important Information



- The products should be handled only by persons who have competent electrical knowledge.
- Be sure to read through all safety precaution and operation manuals before installation, operation, or maintenance and to use the products only for the intended use and in accordance with all applicable safety standards and regulations in the location of use.

Sanken reserves the right to make, from time to time, such departures from the detail specifications as may be required to permit improvements in the performance, reliability, or manufacturability of its products. Therefore, the user is cautioned to verify that the information in this publication is current before placing any order.

When using the products described herein, the applicability and suitability of such products for the intended purpose shall be reviewed at the users' responsibility.

Although Sanken undertakes to enhance the quality and reliability of its products, the occurrence of failure and defect of semiconductor products at a certain rate is inevitable.

Users of Sanken products are requested to take, at their own risk, preventative measures including safety design of the equipment or systems against any possible injury, death, fires or damages to society due to device failure or malfunction.

Sanken products listed in this publication are designed and intended for use as components in general-purpose electronic equipment or apparatus (home appliances, office equipment, telecommunication equipment, measuring equipment, etc.). Their use in any application requiring radiation hardness assurance (e.g., aerospace equipment) is not supported.

When considering the use of Sanken products in applications where higher reliability is required (transportation equipment and its control systems or equipment, fire- or burglar-alarm systems, various safety devices, etc.), contact a company sales representative to discuss and obtain written confirmation of your specifications.

The use of Sanken products without the written consent of Sanken in applications where extremely high reliability is required (aerospace equipment, nuclear power-control stations, life-support systems, etc.) is strictly prohibited.

The information included herein is believed to be accurate and reliable. Application and operation examples described in this publication are given for reference only and Sanken assumes no responsibility for any infringement of industrial property rights, intellectual property rights, or any other rights of Sanken or any third party that may result from its use. The contents in this document must not be transcribed or copied without Sanken's written consent.