

Switching Power Supply



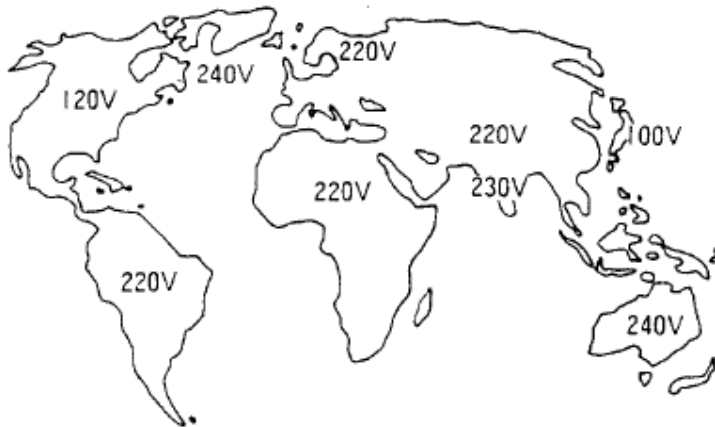
Operating Manual

Switching power supply is a high efficient power converter from AC power input to DC output. We adopt the latest advanced design to update the performance and save energy, most of the components are original brand such as Fuji, TI, Fairchild, Sharp, Shindengen.

Before using the products, please carefully read the manual.

 Input voltage of the product, input AC power should correspond to the application voltage, user can select voltage by switch or ask factory to customize.

Usually we reset the input voltage as 220-240VAC if not requested by customers.



 To increase the reliability of the S.P.S., we suggest users choose a unit that has a rating of 30% more power than actual need.
For example, if the system needs a 100W source, we suggest that users

choose a S.P.S. with 130W of output power or more. By doing this, you can effectively boost the reliability of the S.P.S. in your system.

 We also need to consider about ambient temperature of the S.P.S. and whether there is additional device for dissipating the heat. If the S.P.S. is working in a high temperature environment, we need to make some derating to the output power. The derating curve of "ambient temperature" versus "output power" can be found on our spec sheets.

 Choosing functions based on your application:

Protection function: Over Voltage Protection (OVP), Over Temperature Protection (OVP), Over Load Protection (OLP), and etc.

Application function: Signaling Function (Power Good, Power Fail), Remote Control, Remote Sensing, and etc.

 Correctly connect the wire with product

L: the active of AC input

N: the neutral of AC input

FG: Safety ground connection of input

COM: the negative pole of DC output

+ V: the positive pole of DC output

VADJ: output voltage adjustment

 To ensure safe operations and to reduce the interference

Be sure to connect the ground lead must be accurate.

(Earth cable diameter must be larger than AWG18 ...)

 Power supply is a very key position, it generates heat. To keep long working life, please put product in good ventilation place

 Some of our products is free cooling with air flow, such as 240W, 350W and bigger models. These fans are activated according to the temperature of the device.

* Electric shocks to avoid, if you must have a suspected case between chassis and power supply / Measure the resistance between the output connection.

Our products are guaranteed for 1 year. To avoid product warranty coverage ,please Do not open the product by yourself.
Please keep the yellow tape good and remains outside the scope of the warranty.