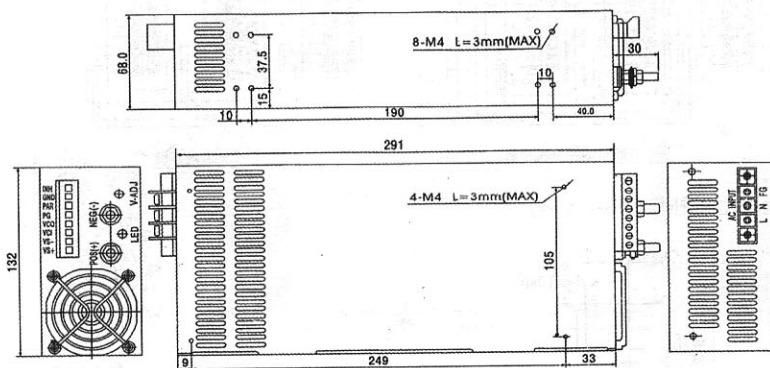


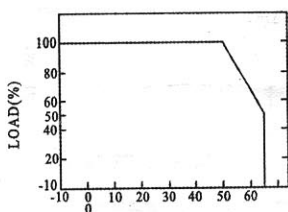
SCN-600/800/1000 Switching Power Supply Operation Instruction

Thank you for using our products. For safe and correct operation, please read through this operation instruction carefully first and safekeeping it appropriately for reference anytime.

1. Installation



2. Derating Curve

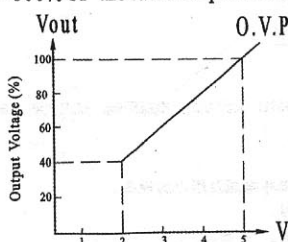


The change characteristic of the rated output current.

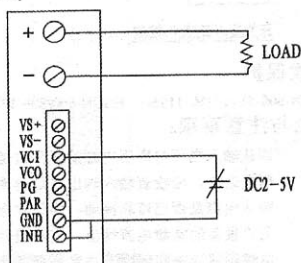
3. Input Voltage

Input Voltage Range: 100~120VAC/200~24VAC Switch Selection: 47~63Hz; 260~370VDC

4. The accession of external DC2-5V voltage can control the output voltage change between 40%~100% of the rated output voltage. (VCI, GND)



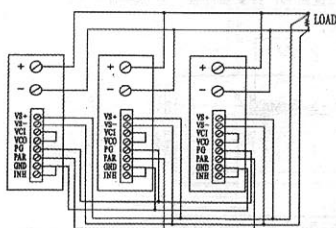
The control of external DC voltage output External voltage(representative value)



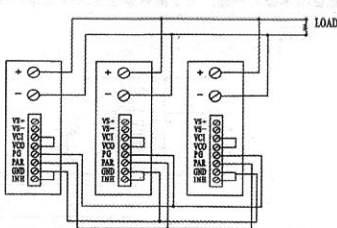
The control of adjustment for output voltage by an attachend DC2-5V

Attn: when the output voltage deppresses, the output current should not surpass the rated current.

5. PFC function (PAR)

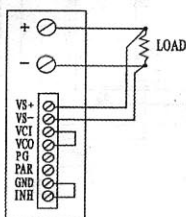


Multimachine paralleled with remote current compensation



Multimachine paralleled

6. Remote Voltage Compensation (VS-, VS+)

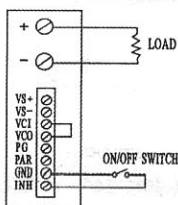


Remote voltage compensation

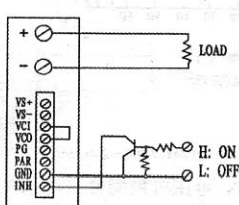
When the load and power source are far away from each other and the line loss is too large, the double ends of the load can't reach to rated voltage, so please join the VS+ and VS- to the double ends of the load by signal line this time, then output voltage will raise and the usage load voltage will ascend to the rated voltage.

7. Long-distance Boot-strap and Shut down. (INH, GND)

INH-GND Terminal: The switching power supply is turned on when the INH-GND is short circuit; it is shut down when the INH-GND is cut.



Turn on and shut down by switch



Turn on and shut down by transistor

8. Over load protection:

HSCN-600-5V(101%~115%)、HSCN-600/800-12V~48V(110%~135%)

Protection type: Current limiting; delay shut down o/p voltage; re-power on to recover

Notices:

- ① Making sure the input voltage is the same with prescriptive numerical value.
- ② Checking whether the input output wires are correctly connected before the switching power supply is electrified in order to avoid damaging the products and conjoint equipments.
- ③ Making sure that the switching power supply is correctly earthed for safety and reducing interference signal.
- ④ The highest current of the equipments should not exceed the prescriptive numerical value of the switching power supply.
- ⑤ If turning on and shutting down the switching power supply frequently or if the using environment is not suitable, the life-span of switching power supply will be reduced directly.
- ⑥ There are horizontal installation style and vertical installation style for choose.
For adapting comparatively high temperature, please choose the vertical installation style.
- ⑦ When the switching power can't work normally or when it is destroyed, personnel who is not a professional is prohibit to overhaul, and the products should be taken back to our company for maintenance.