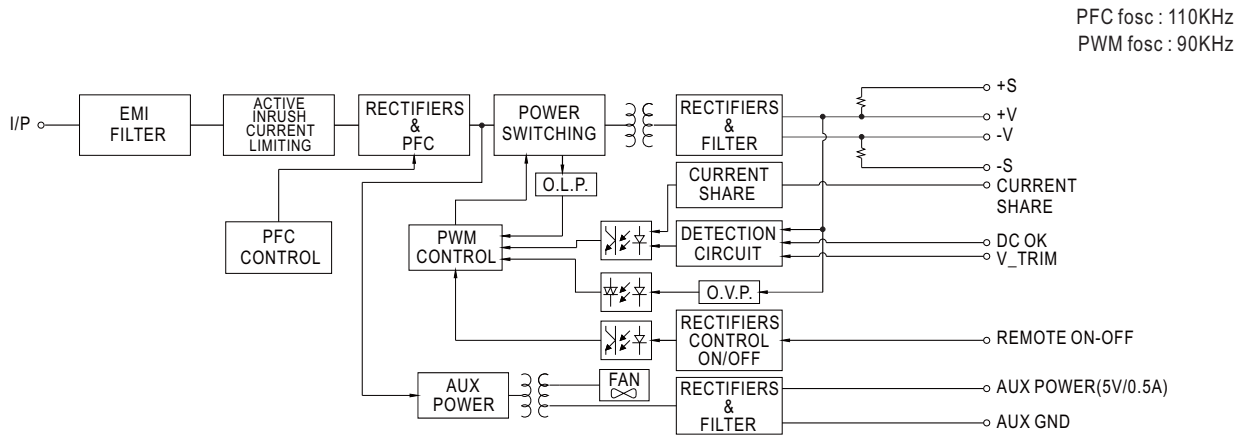
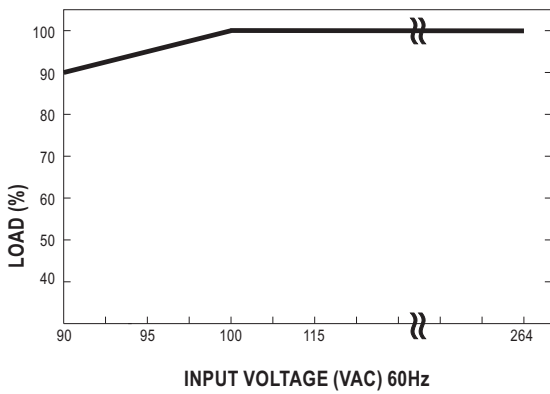


Block Diagram

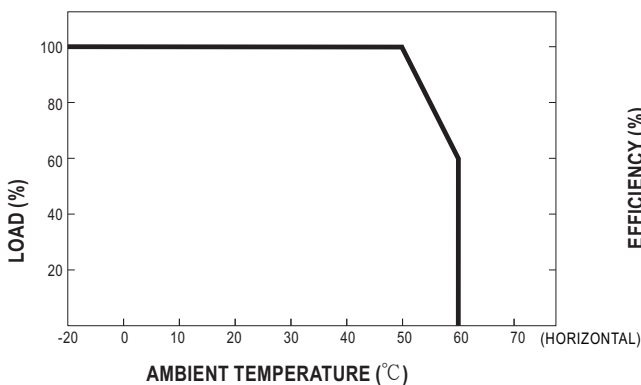


Static Characteristics

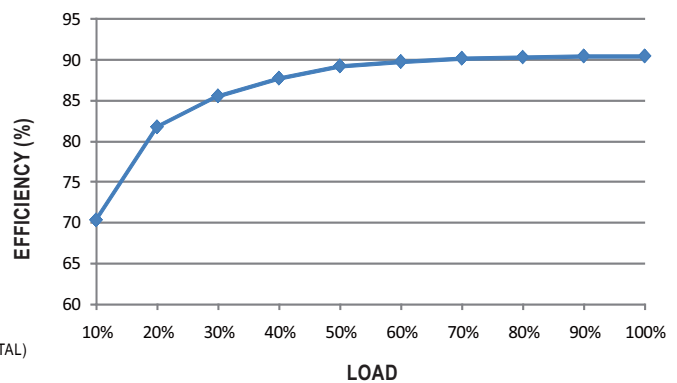


| INPUT \ MODEL | 12V | 15V | 24V | 27V | 48V |
|---------------|-------------|-------------|-------------|-----------------|-----------------|
| 100~264VAC | 720W 60A | 750W 50A | 960W 40A | 999W 37A | 1008W 21A |
| 90VAC | 648W 54A | 675W 45A | 864W 36A | 899.1W 33.3A | 907.2W 18.9A |

Derating Curve



Efficiency vs Load (48V Model)

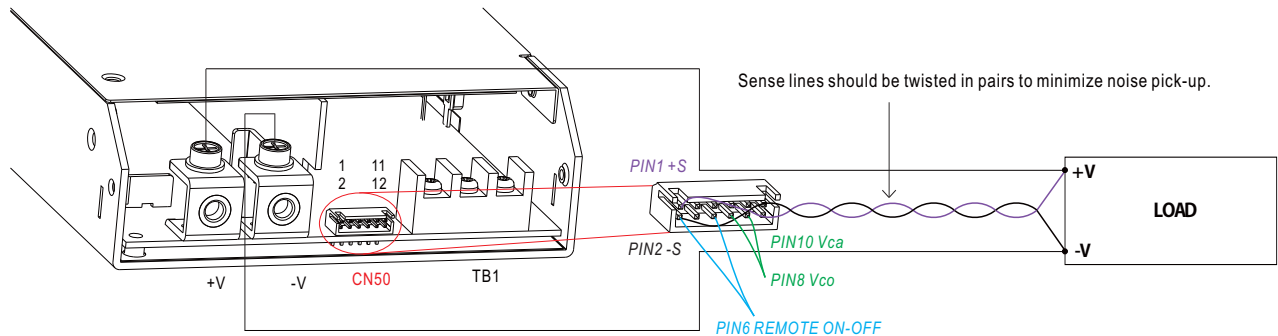


※ The curve above is measured at 230VAC.

Function Manual

1. Remote Sense

※ The Remote Sense compensates voltage drop on the load wiring up to 0.5V



- ⊙ The +S signal should be connected to the positive terminal of the load whereas -S signal to the negative terminal.
- ⊙ This configuration is based on the assumption the Output Voltage Programming is not activated and power supply is ON.

Fig 1.1

2. Remote ON-OFF Control

※ The power supply can be turned ON-OFF individually or along with other units by using the "Remote ON-OFF" function.

| Between Remote ON-OFF (pin6) and -S(pin2) | Power Supply Status |
|---|---------------------|
| Switch Short | ON |
| Switch Open | OFF |

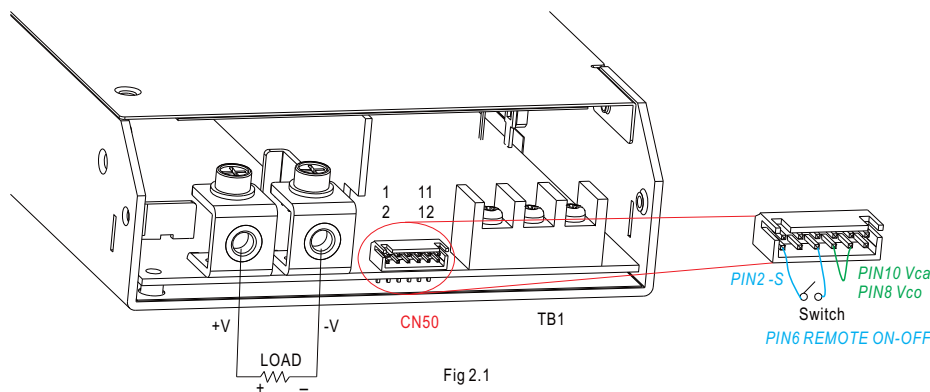


Fig 2.1

- ⊙ The power supply is shipped, by factory default, with Remote ON-OFF(pin6) and -S(pin2) shorted by connector.
- ⊙ When multiple power supplies need to turn ON/OFF simultaneously by Remote ON-OFF control, -S & -V, as well as +S & +V, on each power supply should be connected.

3. DC_OK signal

※ "DC_OK" is an open collector signal. It indicates the output status of the power supply. It can operate in two ways : One is sinking current from external TTL signal ; the other is sending out a TTL voltage signal.

⊙ **Sinking current from external TTL signal:** The maximum sink current is 10mA and the maximum external voltage is 5.6V.

⊙ **Sending out TTL voltage signal :**

| Between DC- OK(pin5) and GND(pin11&12) | Output Status |
|--|---------------|
| 0 ~ 1V | ON |
| 3.3 ~ 5.6V | OFF |

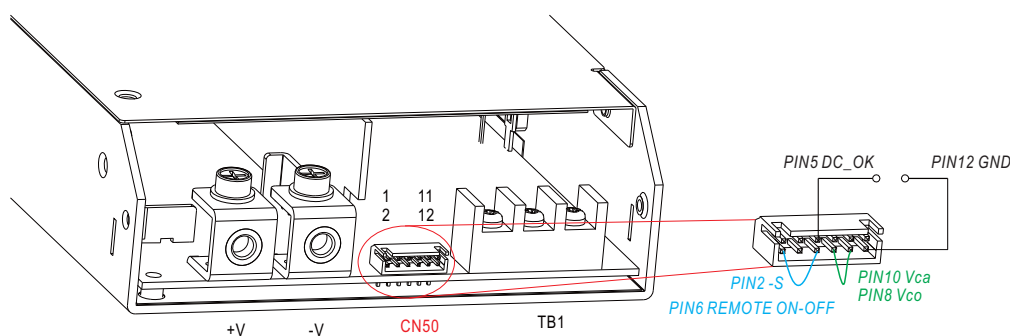


Fig 3.1