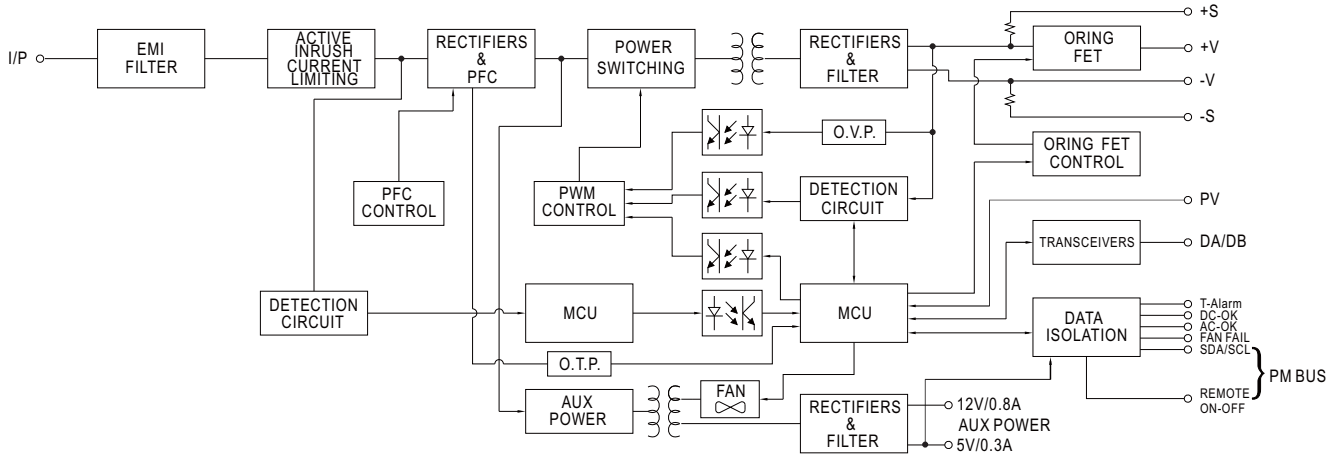
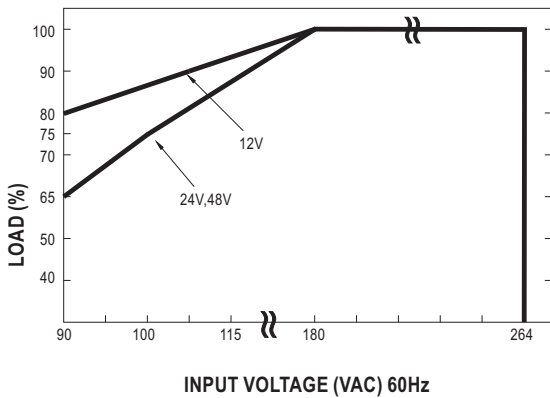


PFC fosc : 110KHz  
PWM fosc : 90KHz

### Block Diagram



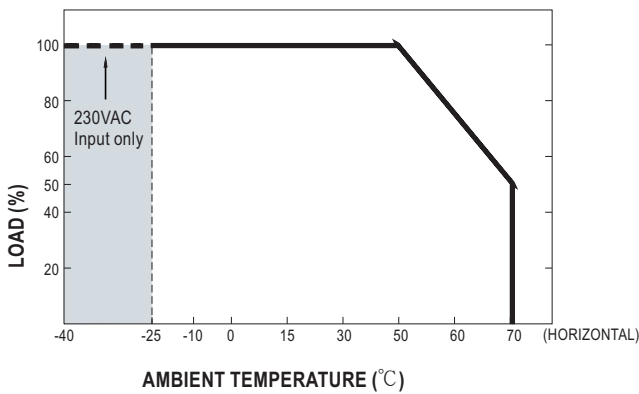
### Static Characteristics



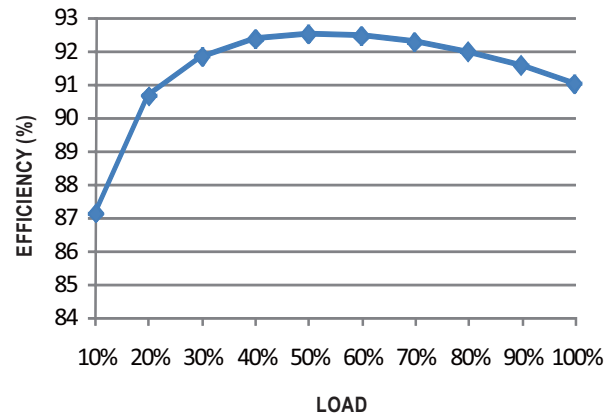
### Derating Loads vs Input Voltage

INPUT \ MODEL	12V	24V	48V
180~264VAC	1200W 100A	1920W 80A	2016W 42A
115VAC	1080W 90A	1632W 68A	1713.6W 35.7A
100VAC	1020W 85A	1440W 60A	1512W 31.5A
90VAC	960W 80A	1248W 52A	1310.4W 27.3A

### Derating Curve



### Efficiency vs Load (48V Model)



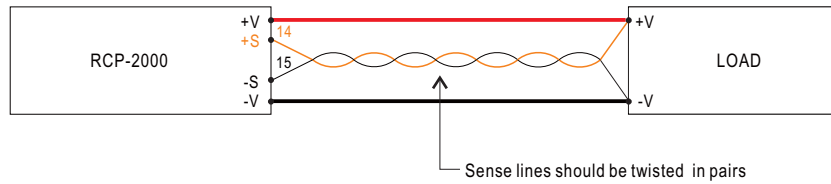
© The curve above is measured at 230VAC.

## Function Manual

### 1. Voltage Drop Compensation

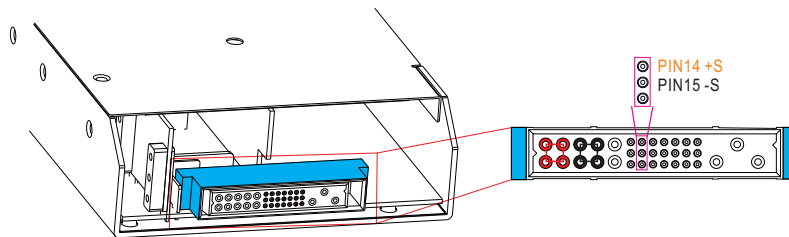
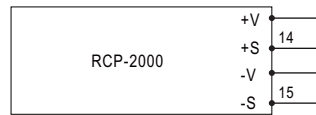
#### 1.1 Remote Sense

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



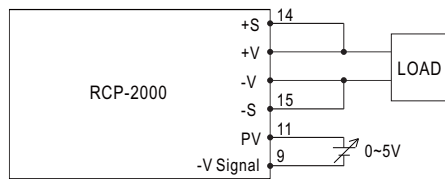
#### 1.2 Local Sense

※ The +S, -S have to be connected to the +V(signal), -V(signal), respectively, as the following diagram, in order to get the correct output voltage if Remote Sense is not used.



### 2. Output Voltage Programming (or, PV / remote voltage programming / remote adjust / margin programming / dynamic voltage trim)

※ In addition to the adjustment via the built-in potentiometer, the output voltage can be trimmed to 90~110% of the nominal voltage by applying EXTERNAL VOLTAGE.



◎ +S & +V, -S & -V also need to be connected on CN501

