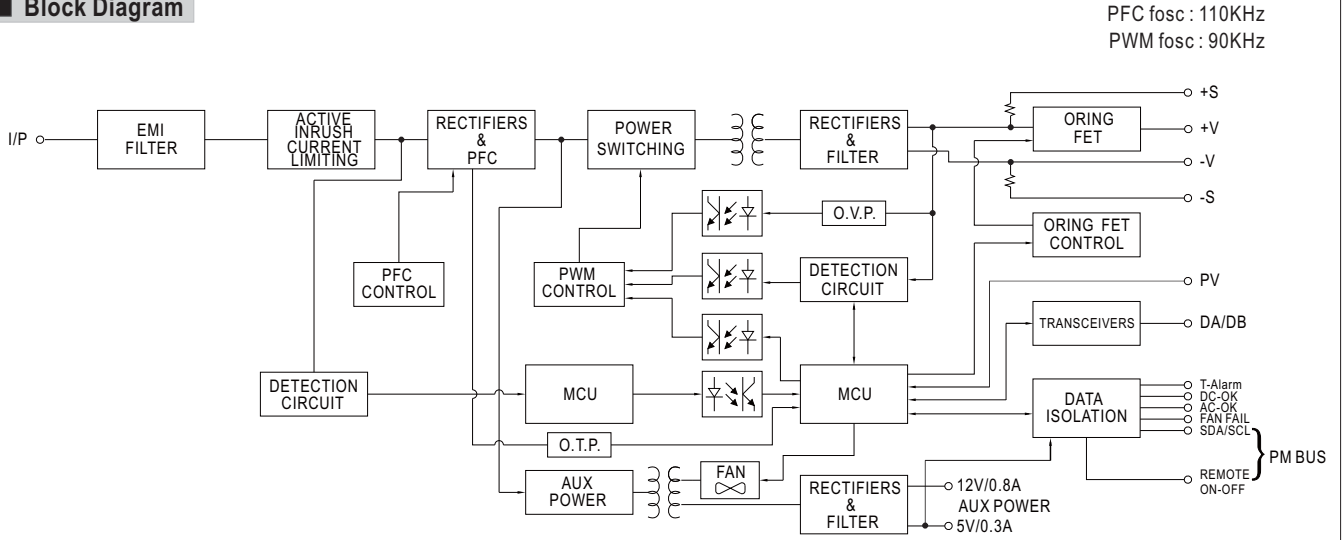
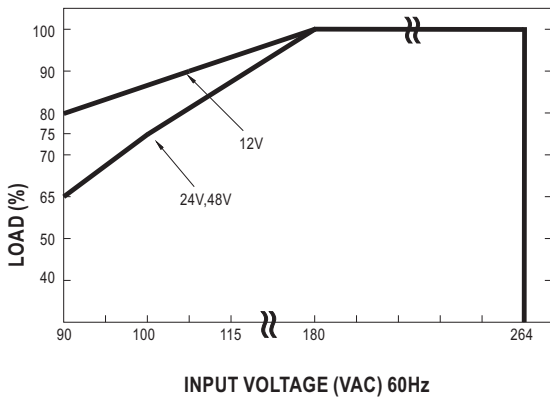


Block Diagram



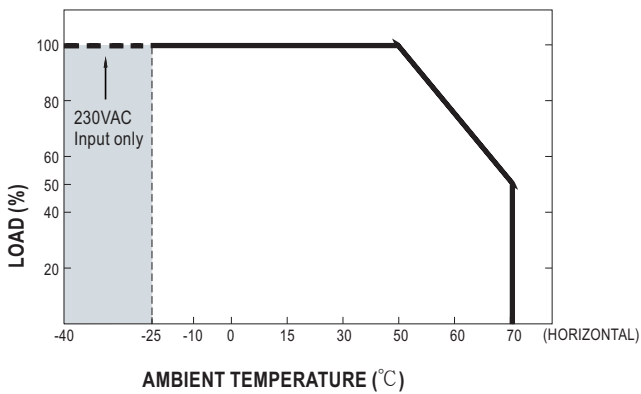
Static Characteristics



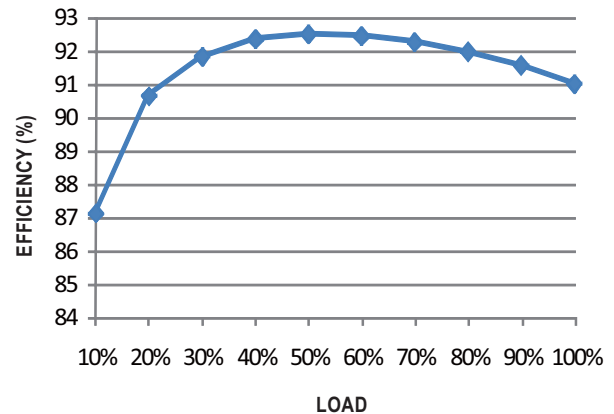
Derating Loads vs Input Voltage

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)



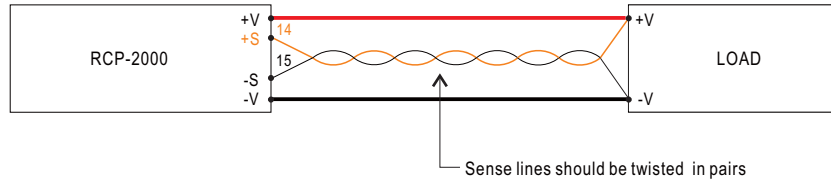
© The curve above is measured at 230VAC.

Function Manual

1. Voltage Drop Compensation

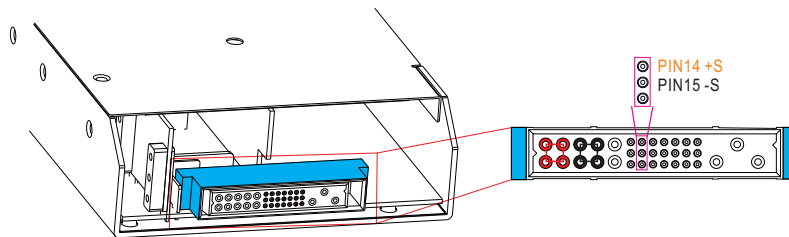
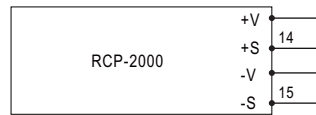
1.1 Remote Sense

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



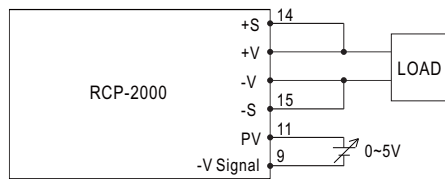
1.2 Local Sense

※ 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

