

KRS Series**KGCOMP
PRODUCTS**

Models

General Specification

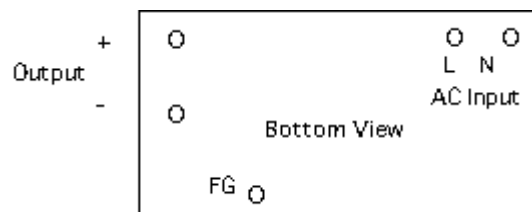
Block Diagram

Operation Manual

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Operation Manual

1. Pin Description



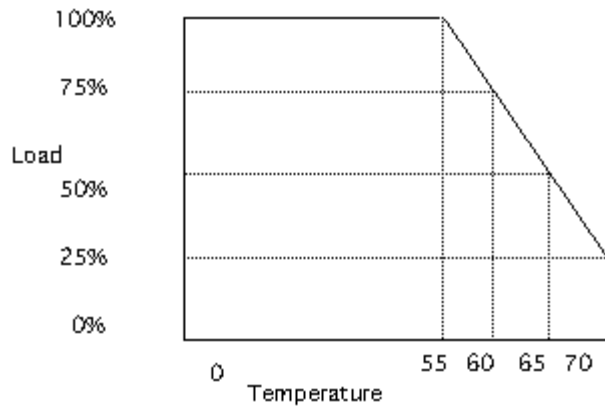
2. Overcurrent Protection

If output current exceeds the rated output of the power supply, the overcurrent protection will activate and output voltage will drop. The power supply will function normally once the overcurrent condition has been removed. Do not use in overcurrent condition or short mode.

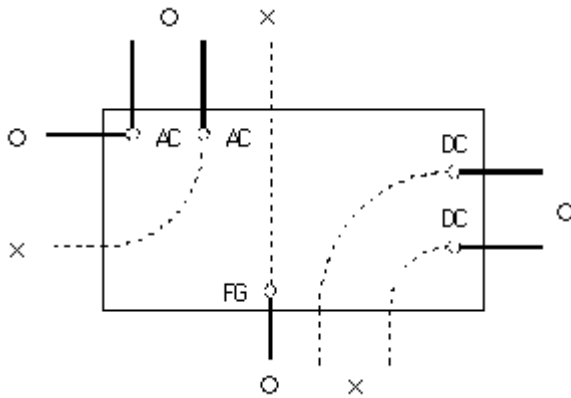
Using too large of capacitor (10,000 μ F) on your load may prevent the power supply from providing the rated output voltage. Please consider load capacitance in your application.

3. Operation Temperature and Output Capability

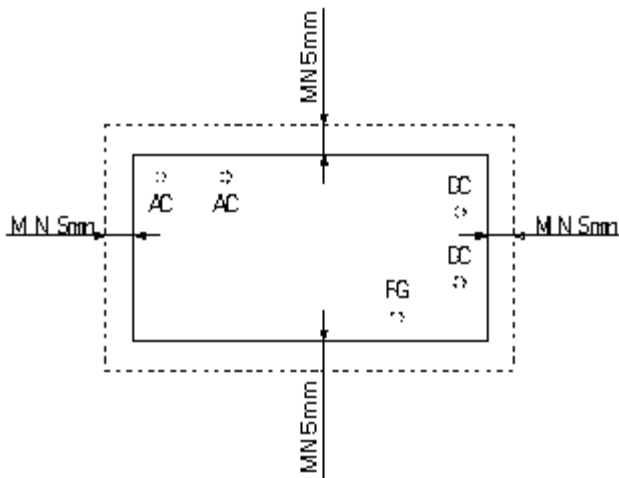
The range of temperature over which a power supply can be operated safely is critical to the overall life of the power supply. Operate the power supply in safe ambient condition by considering the necessary convection or forced air cooling requirement.



4. Installation Method

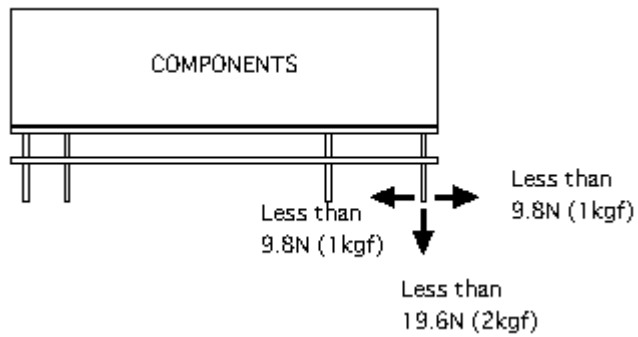


Avoid laying out the AC input line pattern directly beneath the power supply as it will increase the line conducted noise. Make sure to leave ample distance between the line pattern underneath the unit because the output noise may increase. Separate the pattern lay out from the unit.



When installing the components or laying out the pattern around the unit, maintain a distance of

5mm or more. If this distance can not be kept, insert an insulation sheet between them.



When too much stress is applied on the input/output/FG pins of the unit, the internal connection may be weakened. Avoid applying stress of more than 9.8N (1kgf) on the pins horizontally and more than 19.6N (2kgf) vertically. When additional stress is expected to be put on the input/output pins because of vibration or impact, fix the unit to PCB using silicone rubber or another fixing method to hold stationary. This will reduce the stress onto the input/output pins.

5. Warranty

KAGA Components offers a three year warranty and we will repair or replace the power supply at no charge to the customer, provided the power supply has not been determined damaged or defective as a direct result of misuse or mishandling by the user.

6. Others

These power supplies are our standard products and designed for general purpose applications. They are not designed for use in life support systems, equipment used in hazardous environments, or nuclear control systems.