LRS–450W单组输出电源
LRS–450W Single output power supply



概述 Summary

> 单组输出：功率500W
Single output: power 500W

> 输入电压：95～132V交流/180～264V交流 由开关切换
Input voltage: 95～132VAC/180～264VAC by switch

常见规格 General Specification

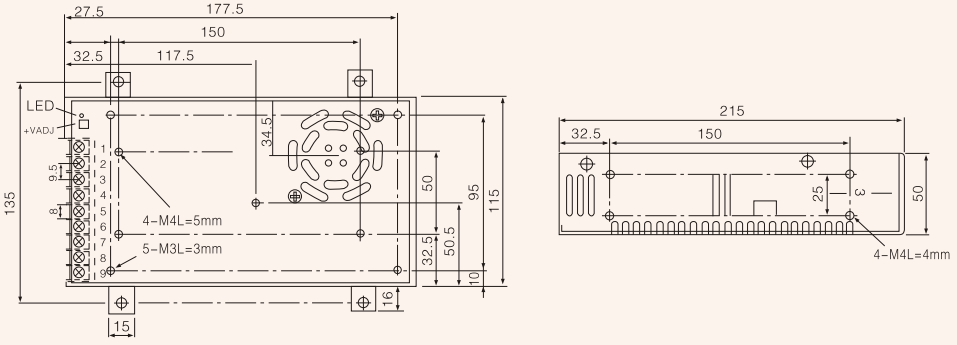
215×115×50mm

性能 Specification / 型号 Model	LRS–450–12	LRS–450–24	LRS–450–36	LRS–450–48
直流输出电压、电流 DC output voltage, current	12V 0～37.5A	24V 0～18.7A	36V 0～12.5A	48V 0～9.4A
纹波及噪音 Wave and noise	150mVp–p	180mVp–p	240mVp–p	240mVp–p
进线稳定度 Inlet wire stability	±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度 Load stability	±1%	±0.5%	±0.5%	±0.5%
效率 Efficiency	82%	85%	86%	87%
直流电压可调范围 Adjustable range for DC voltage	±10%	±10%	±10%	±10%
输入电压范围 Input voltage range	95～132V交流/180～264V交流 由开关切换 254～370V直流 47～63Hz 95～132VAC/180～264VAC by switch 254～370VDC 47～63Hz			
冲击电流 Impact current	冷启动电流 Cold start current 35A/115VAC 65A/230VAC			
过载保护 Overload protection	105%～150%切断输出，保护类型：打嗝模式，故障排除后自动回复 105%～150% cut off the output, Protection type : Hiccup mode, recovers automatically after fault condition is removed			
过压保护 Overvoltage protection	115%～135%额定输出功率 保护类型：打嗝模式，故障排除后自动回复 115%～135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
过温保护 Over temperature protection	关断输出，温度恢复正常后可恢复正常输出 Turn off the output and restore normal output after the temperature returns to normal			
启动、上升、保持时间 Setup, rise, hold up time	1500ms, 30ms/230VAC 2000ms, 50ms/115VAC 满负载 at full load			
耐压性 Withstand voltage	输入输出间：1.5kV 输入与外壳间：1.5kV 输出与外壳间：0.5kV 一分钟 I/P–O/P: 1.5kV I/P–FG:1.5kV O/P–FG: 0.5kV 1minute			
隔离电阻 Isolation resistance	输入输出间 输入与外壳间 输出与外壳间：500VDC/100MΩ I/P–O/P I/P–FG O/P–FG: 100M Ohms / 500VDC / 25℃ /70%RH			
工作温度 Working temperature	–10℃～+50℃			
尺寸 Dimension	215×115×50mm			
重量 Weight	1kg			
包装 Packing	45.5×31.5×26CM/20PCS/20kg			

外形尺寸 Overall dimension(mm)

- 接 线 位 置
  - 端口 8,9 ： 交流输入
  - 端口 7 ： 接地 ⏚
  - 端口 4,5,6 ： 直流输出–V
  - 端口 1,2,3 ： 直流输出+V

- Terminal Pin No.Assignment
  - Pin 8,9 ： AC input
  - Pin 7 ： GND ⏚
  - Pin 4,5,6 ： DC output–V
  - Pin 1,2,3 ： DC output+V

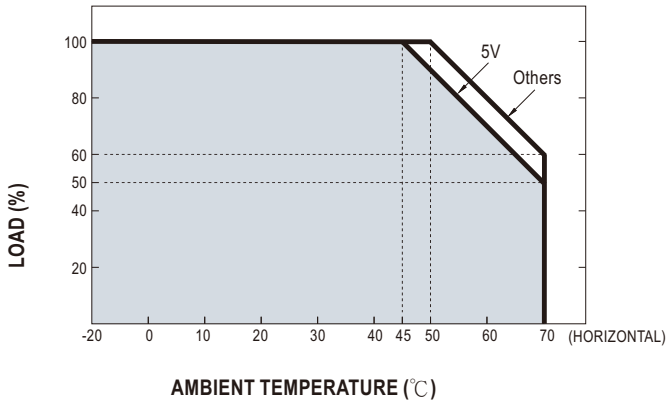


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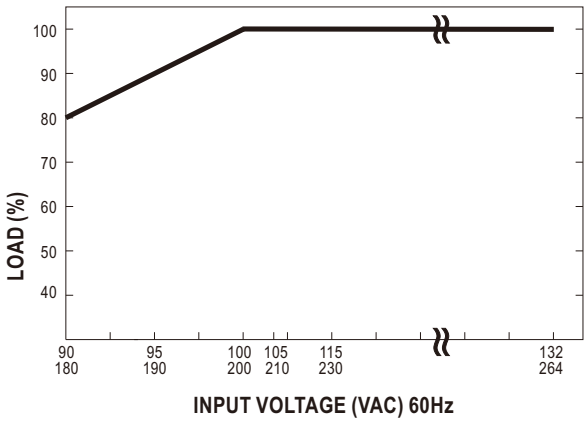
Load derating and functional diagram

Use only within the WEHO -10 to +50 degrees C range and the input limits in the specification table.

Derating Curve

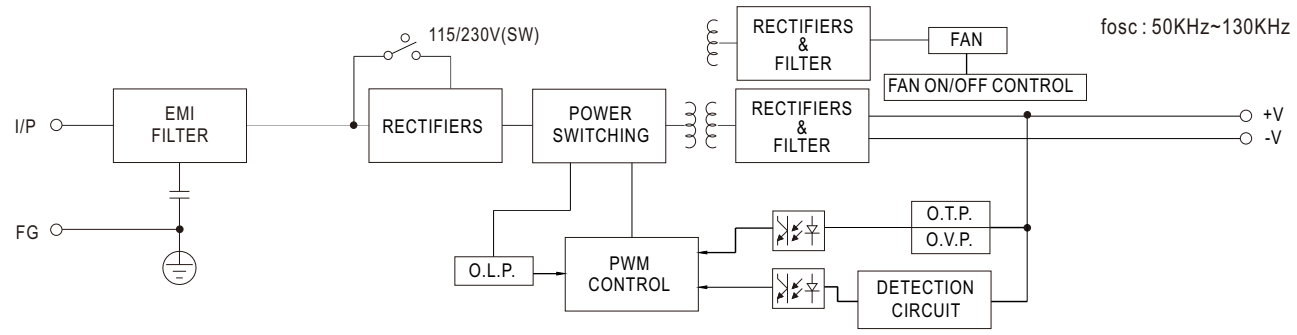


Static Characteristics



Functional block diagram

Block Diagram



Only the Others trace applies to the listed WEHO 12V/24V/36V/48V outputs. The 5V trace is not an additional WEHO output option.

Load is shown as a percentage. Use the WEHO output table for absolute voltage and current limits. Observe the frequency, input-selector position and horizontal mounting labels. Adequate ventilation is required. The charts do not expand rated output, protection limits or certification statements.