

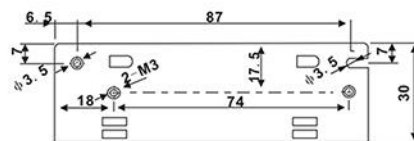
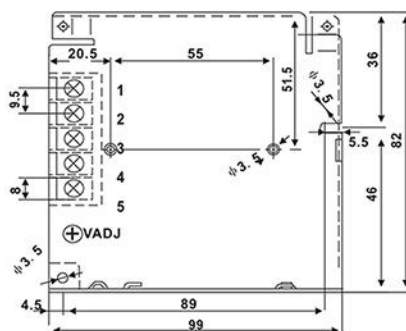
SWITCHING POWER SUPPLY PRODUCT CATALOG

开关电源产品目录





- **Product Size**

LRS-50-

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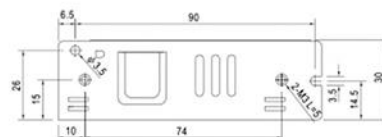
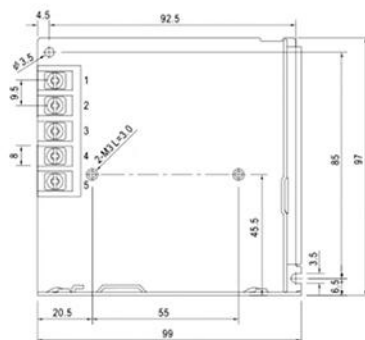
Model number	LRS-50-5	LRS-50-12	LRS-50-24	LRS-50-48
DC output voltage	5V	12V	24V	48V
DC output current	10A	4.1A	2.2A	1A
Rated power	50W	50W	50W	50W
Ripples and noise	79mV _{P-P}	120mV _{P-P}	160mV _{P-P}	200mV _{P-P}
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±1.0%	±0.5%	±0.5%	±0.5%
Efficiency	81%	85%	88%	89%
Adjustable range of DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85-204VAC 120-360VAC			
AC Inrush current	Cold-start current: 45A/230A			
Overload protection	105% -130% cut off output. Reset: automatic recovery			
Overvoltage protection	5.9-7.3V 13.8-16.2V 28.8-33.6V 55.2-64.8V Protected mode: turn off the output voltage and restart the output			
Start and rise holding time	1000ms 30ms/230VAC 2000ms 30ms/115VAC			
Pressure resistance	Input to output room: 2.5KvAC, input to shell: 1.5KvAC, output to shell: 0.5KvAC for one minute I/P-O/P: 2.5KvAC, I/P-FG: 2.5KvAC,			
Isolation resistance	Between input and output, between input and casing, between output and casing: 500VDC/100MΩ I/P-O/P, I/P-FG, O/P-FG:500VDC/100MΩ			
Working temperature and humidity	-10°C~ +60°C , 20%~90%RH			
Safety standards	Design refer to GB4943,			
EMS standard	Design refer to GB9254, EN55022 ClassA			



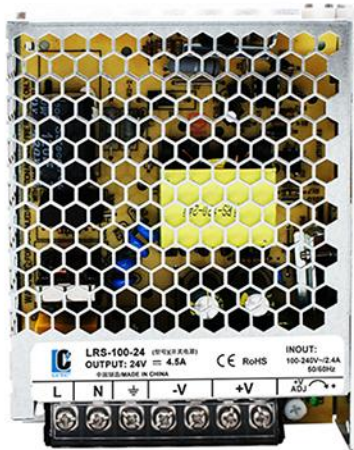
LRS-75-

5/15/24/48

■ Product Size



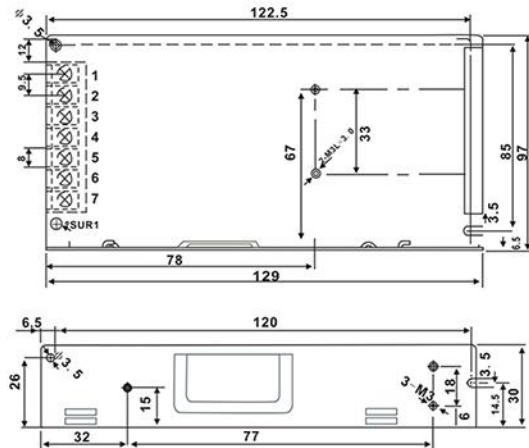
Model number	LRS-75-5 LRS-75-12 LRS-75-24 LRS-75-48			
DC output voltage	5V 12V 24V 48V			
DC output current	12A 6A 3.2A 1.6A			
Rated power	60W 72W 76.8W 76.8W			
Ripples and noise	100mV _{P-P} 150mV _{P-P} 200mV _{P-P} 200mV _{P-P}			
Current range	0-12A 0-6A 0-3.2A 0-1.6A			
Voltage adjustment range	4.5~5.5V 10.2~13.8V 21.6~28.8V 43.2~52.8V			
Voltage Accuracy	±2.0% ±1.0% ±1.0% ±1.0%			
Linear adjustment rate	±0.5% ±0.5% ±0.5% ±0.5%			
load regulation rate	±2.0% ±1.0% ±0.5% ±0.5%			
Start-up, rise time	500ms, 30mS/230VAC 1000ms, 30mS/115VAC (full load)			
Hold Time (Typ.)	370mS/230VAC 10mS/115VAC (full load)			
voltage range	85 ~ 264 VAC or 120 ~ 370 VDC			
Frequency Range	47~63Hz			
Efficiency	82%	87%	89%	90%
Input Current	1.5A/115VAC 0.85A/230VAC			
Power factor	<1.0mA/240VAC			
Overload protection	110% ~ 150% of rated output power Protected mode: burping protection, automatic recovery after removal of abnormal conditions			
Overvoltage protection	5.7~6.8V	14~17V	28~33V	55~65V
	Protected mode: turn off the output voltage, and recover automatically after the abnormal conditions are removed			
Operating temperature	-30°C~+70°C (Please refer to "Derating Curve")			
Working humidity	20-90% RH,no condensation			
Storage temperature and humidity	-40~ +85C, 10~ 95% RH			
Vibration resistance	10~ 500Hz, 5G 10 minutes/cycle, X, Y, Z axis each 60 minutes			
Pressurization	Input to output: 1.5KVAC; Input to ground: 1 5KVAC; Output to ground: 500VAC			
Insulation impedance	Input to output, input to ground, output to ground: 100Ohms/500VDC/25°C/70% RH			
Electromagnetic compatibility emission	Compliant with EN55032 class A			
Electromagnetic compatibility immunity	Compliant with EN61000-4-2			
Safety regulations	Complies with GB4943			



LRS-100-

5/12/24/48

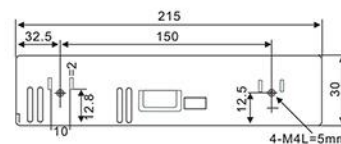
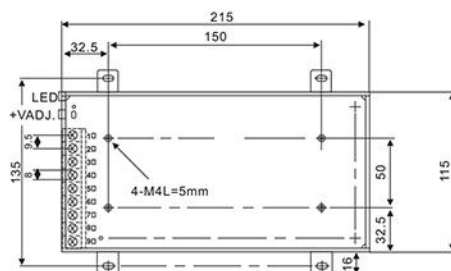
■ Product Size



Model number	LRS-100-5	LRS-100-12	LRS-100-24	LRS-100-48
DC output voltage	5V	12V	24V	48V
DC output current	18A	8.3A	4.1A	2A
Rated power	100W	100W	100W	100W
Ripples and noise	100mV _{P-P}	120mV _{P-P}	150mV _{P-P}	150mV _{P-P}
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±1.0%	±0.5%	±0.5%	±0.5%
Efficiency	85%	88%	90%	91%
Adjustable range of DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	85-204VAC 120-360VAC			
AC Inrush current	Cold-start current: 50A/230A			
Overload protection	105% -130% cut off output. Reset: automatic recovery			
Overvoltage protection	115%/145%Protected mode: turn off the output voltage and restart the output			
Start and rise holding time	500ms 55ms/230VAC 500ms 30ms/115VAC			
Pressure resistance	Input to output room: 4KvAC, input to shell: 2KvAC, output to shell: 1.25KvAC for one minute I/P-O/P: 2.5KvAC, I/P-FG: 2.5Kv4AC,			
Isolation resistance	Between input and output, between input and casing, between output and casing: 500VDC/100MΩ I/P-O/P, I/P-FG, O/P-FG: 500VDC/100MΩ			
Working temperature and humidity	-10°C~ +60°C , 20%~90%RH			
Safety standards	Design refer to GB4943,			
EMS standard	Design refer to GB9254, EN55022 ClassA			
Working humidity	20-90% RH,no condensation			



■ Product Size



LRS-200-

12/24/36/48

Model number	LRS-200-12	LRS-200-24	LRS-200-36	LRS-200-48
DC output voltage	12V	24V	36V	48V
DC output current	17A	8.8A	5.9A	4.4A
Rated power	200W	200W	200W	200W
Ripples and noise	150mV _{P-P}	150mV _{P-P}	150mV _{P-P}	200mV _{P-P}
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±1.0%	±0.5%	±0.5%	±0.5%
Efficiency	87%	88%	90%	91%
Adjustable range of DC voltage	±10%	±10%	±10%	±10%
AC input voltage range	90-132VAC 180-264VAC			
AC Inrush current	Cold-start current: 60A/110A-230V			
Overload protection	105% -130% cut off output. Reset: automatic recovery			
Overvoltage protection	115%/145%Protected mode: turn off the output voltage and restart the output			
Start and rise holding time	1300ms 50ms/230VAC 1300ms 50ms/115VAC			
Pressure resistance	I/P-O/P: 3KvAC, I/P-FG: 2KvAC,O/P-FG:0.5KvAC			
Isolation resistance	I/P-O/P,I/P-FG, O/P-FG:500VDC/100MΩ			
Working temperature and humidity	-10°C~ +60°C , 20%~90%RH			
Safety standards	Design refer to GB4943,			
EMS standard	Design refer to GB9254, EN55022 ClassA			