



LP25, LP50, LP100, LP150, LP300, LP500



### Single output LED display Din-rail power supply

#### Features:

- Protection characteristic: short circuit / overload / overvoltage
- 100% full load burning test
- High efficiency, high reliability and long service life.
- LED power indication
- Natural air cooling

#### LP25

Model / Specification	LP-25-5	LP-25-12	LP-25-24
Output	DC Output Voltage	5V	12V
	Output Voltage tolerance	±2%	±1%
	Rated Output Current	4A	2.1A
	Rated Output Current0	0-4A	0-2.1A
	DC Output Power	20W	25.2W
	Triple and Noise	80mVp-p	120mVp-p
Input	Adjustable Range for DC Voltage	4.75-5.5V	11.4-13.2V
	AC Input Voltage Range	90-264VAC	100-360VDC 47-63Hz;
	AC Input current	0.45A/115VAC	0.25A/230VAC
	Efficiency	78%	83%
	AC Inrush Current	Cold-Start Current: 10A/115V, 20A/230V	
	Leakage Current	<2mA/240VAC	
Protection	Overload Protection	110%-150%	
	Protection mode:	cut off output and restart	
	Over Voltage Protection	5.75-6.75V	11-14V
	Protection mode:	cut off output and reset automatically	
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH	
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH	
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft	
	Voltage withstand capacity	IP-OP:2kVAC, IP-FG:1.5kVAC , OIP-FG:0.5kVAC	
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Others	Size	35*45*102(L*W*H)

#### LP50

Model / Specification	LP-50-5	LP-50-12	LP-50-24
Output	DC Output Voltage	5V	12V
	Output Voltage tolerance	±2%	±1%
	Rated Output Current	8A	4.2A
	Rated Output Current0	0-8A	0-4.2A
	DC Output Power	40W	50.4W
	Triple and Noise	80mVp-p	120mVp-p
Input	Adjustable Range for DC Voltage	4.75-5.5V	11.4-13.2V
	AC Input Voltage Range	90-264VAC or 100-360VDC 47-63Hz;	
	AC Input current	0.9A/115VAC 0.45A 230VAC	
	Efficiency	78%	83%
	AC Inrush Current	Cold-Start Current: 18A/115V, 36A/230V	
	Leakage Current	<2mA/240VAC	
Protection	Overload Protection	110%-150%	
	Protection mode:	cut off output and restart	
	Over Voltage Protection	5.75-6.75V	11-14V
	Protection mode:	cut off output and reset automatically	
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH	
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH	
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft	
	Voltage withstand capacity	IP-OP:2kVAC , IP-FG:1.5kVAC , OIP-FG:0.5kVAC	
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Others	size	75.5*45*102(L*W*H)

#### LP100

Model / Specification	LP-100-12	LP-100-24
Output	DC Output Voltage	12V
	Output Voltage tolerance	±1%
	Rated Output Current	8.3A
	Rated Output Current0	0-8.3A
	DC Output Power	99.6W
	Triple and Noise	120mVp-p
Input	Adjustable Range for DC Voltage	11.4-13.2V
	AC Input Voltage Range	85-132VAC/176-264VAC selected by switch or 248-373VDC 47-63Hz;
	AC Input current	2A/115VAC 1.5A/230VAC
	Efficiency	83%
	AC Inrush Current	Cold-Start Current: 10A/115V, 20A/230V
	Leakage Current	<2mA/240VAC
Protection	Overload Protection	110%-150%
	Protection mode:	cut off output and restart
	Over Voltage Protection	11-14V
	Protection mode:	cut off output and reset automatically
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft
	Voltage withstand capacity	IP-OP:2kVAC , IP-FG:1.5kVAC , OIP-FG:0.5kVAC
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC
	Others	size
		83*49*100(L*W*H)

#### LP150

Model / Specification	LP-150-12	LP-150-24
Output	DC Output Voltage	12V
	Output Voltage tolerance	±1%
	Rated Output Current	12.5A
	Rated Output Current0	0-12.5A
	DC Output Power	160W
	Triple and Noise	120mVp-p
Input	Adjustable Range for DC Voltage	11.4-13.2V
	AC Input Voltage Range	85-132VAC/176-264VAC selected by switch or 248-373VDC 47-63Hz;
	AC Input current	3A/115VAC 1.5A/230VAC
	Efficiency	83%
	AC Inrush Current	Cold-Start Current: 10A/115V, 20A/230V
	Leakage Current	<2mA/240VAC
Protection	Overload Protection	110%-150%
	Protection mode:	cut off output and restart
	Over Voltage Protection	11.4-14V
	Protection mode:	cut off output and reset automatically
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft
	Voltage withstand capacity	IP-OP:2kVAC, IP-FG:1.5kVAC , OIP-FG:0.5kVAC
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC
	Others	size
		83*49*100(L*W*H)

Model / Specification	LP-300-12	LP-300-24	LP-300-48
Output	DC Output Voltage	12V	24V
	Output Voltage tolerance	±1%	±1%
	Rated Output Current	23A	12.5A
	Rated Output Current0	0-23A	0-12.5A
	DC Output Power	300W	300W
	Triple and Noise	240mVp-p	240mVp-p
Input	Adjustable Range for DC Voltage	10.5-13V	20.5-26.5V
	AC Input Voltage Range	selected by switch or 248-373VDC 47-63Hz;	
	AC Input current	3A/115VAC 1.5A/230VAC	
	Efficiency	83%	83%
	AC Inrush Current	Cold-Start Current: 15A/115V, 30A/230V	
	Leakage Current	<2mA/240VAC	
Protection	Overload Protection	110%-150%	
	Protection mode:	cut off output and restart	
	Over Voltage Protection	11-14V	
	Protection mode:	cut off output and reset automatically	
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH	
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH	
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft	
	Voltage withstand capacity	IP-OP:2kVAC, IP-FG:1.5kVAC , OIP-FG:0.5kVAC	
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Others	size	100*90*110(L*W*H)

#### LP300

Model / Specification	LP-500-12	LP-500-24	LP-500-48
Output	DC Output Voltage	12V	24V
	Output Voltage tolerance	±1%	±1%
	Rated Output Current	37.5A	20.8A
	Rated Output Current0	0-37.5A	0-20.8A
	DC Output Power	450W	499.2W
	Triple and Noise	120mVp-p	240mVp-p
Input	Adjustable Range for DC Voltage	10.5-14V	20.5-26.5V
	AC Input Voltage Range	selected by switch or 248-373VDC 47-63Hz;	
	AC Input current	9.5A/115VAC 4.8A/230VAC	
	Efficiency	83%	85%
	AC Inrush Current	Cold-Start Current: 15A/115V, 30A/230V	
	Leakage Current	<2mA/240VAC	
Protection	Overload Protection	110%-150%	
	Protection mode:	cut off output and reset automatically	
	Over Voltage Protection	11-14V	
	Protection mode:	cut off output and reset automatically	
	Work Temperature Humidity	-10°C~+50°C, 20%~90%RH	
	Storage Temperature Humidity	-20°C~+85°C, 10%~95%RH	
Environment	Shock resistance	10~500Hz, 2G 10min./1cycle,duration:60min each shaft	
	Voltage withstand capacity	IP-OP:2kVAC, IP-FG:1.5kVAC , OIP-FG:0.5kVAC	
	Safety	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Insulation resistance	IP-OP, IP-FG, OIP-FG:100M Ohms/500VDC	
	Others	size	100*90*110(L*W*H)