



FEATURES

- **Protection** : Short Circuit, Overload, Over Voltage
- Cooling By Free Air
- 100% Full Load Burn In Test
- Also available with DIN-rail mount bracket

APPLICATION

- Industrial Control System
- Factory Automation
- Electromechanical apparatus



MODEL INFORMATION

Model Number	Output Voltage	Output Current	Mounting Style
LESA100P12	12V	8.5A	Panel Mount
LESA100B12	12V	8.5A	With DIN-rail Bracket
LESA100P24	24V	4.5A	Panel Mount
LESA100B24	24V	4.5A	With DIN-rail Bracket

ORDER INFORMATION

LE S A 100 X Y	
LE	Lubi Electronics
S	Single Output
A	Series
100	Total Power
X	P = Panel Mounting B = With Din-rail Bracket
Y	Output Voltage : 12, 24

INPUT SPECIFICATIONS

AC Input Voltage	100 ~ 120VAC / 200 ~ 240VAC selected by switch, 50/60Hz
AC Input Current	2A/115V AC 1.2A/230V AC
DC Input Voltage	248 ~ 373VDC
Max Inrush Current	36A COLD START
Leakage Current	<2mA/240V AC

OUTPUT SPECIFICATIONS

MODEL NUMBER	LESA100P12 / LES A100B12	LESA100P24 / LES A100B24
Output Voltage	12V	24V
Output Current	8.5A	4.5A
Output Power	102W	108W
Output Voltage Adj. Range	11.4 ~ 13.2 V	22.8 ~ 26.4 V
Efficiency	>80.00%	>80.00%
Line Regulation	± 1%	± 1%
Load Regulation	± 1%	± 1%
Ripple / Noise	120mVp-p	120mVp-p
Setup Time / Rise Time	500mS / 20mS	500mS / 20mS
Hold Time	30mS / 230VAC 25mS / 115VAC	30mS / 230VAC 25mS / 115VAC
Indicator	Green Led	Green Led

PROTECTION

Short Circuit	Shut Down Output Voltage, Re-power On To Recover	
Over Load	Above 105% Rated Output Power	
	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
Over Voltage	14 ~ 16V	27 ~ 32
	Protection type : Hiccup mode, recovers automatically after fault condition is removed	

ENVIRONMENT

Storage Temp./Humidity	-40 ~ +85°C, 10~95% RH
Working Temp./Humidity	-20 ~ +50°C, 20~90% RH non-condensing

SAFETY & EMC

Safety	Compliance to EN 61558-1:2005/A1:2009, EN 61558-2-16 : 2009/A1:2013
EMC Emission (EMI)	Compliance to EN 55011 (CISPR 11), EN 61000-3-2,-3
EMC Immunity (EMS)	Compliance to IEC 61000-4-2,3,4,5,6,8,11
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:>100M Ohms / 500VDC / 25 °C/ 70% RH
Withstand Voltage	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC

MECHANICAL DIMENSION

Case Chassis / Cover	Aluminium / SS
Dimension	160 x 98 x 38mm (±1.0mm Tolerance)
Terminal	7 Pins

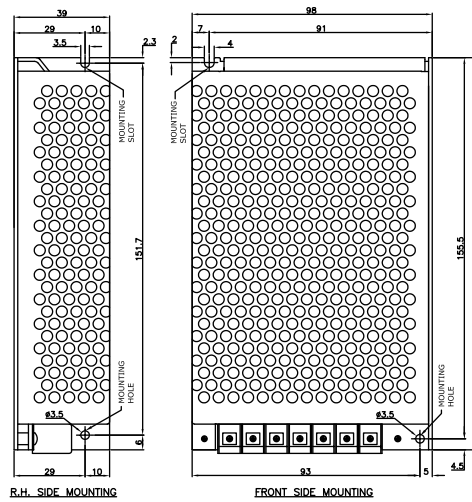
Note :

1. Instruction for Installation in a pollution degree 2 environment. □ Equipment of overvoltage category II
2. Ripple & Noise are measured at 20MHz by using 300mm twisted pair of load wires terminated with 0.1uF, 100V Film Capacitor parallel with 47uF Electrolytic Capacitor

MOUNTING DRAWING

Panel Mounting

- LESA100P12
- LESA100P24



DIN Rail Mounting

- LESA100B12
- LESA100B24

