

# POWERTRONIC

SPECIFICATION / MODEL		ZA LRS-100-5	ZA LRS-100-12	ZA LRS-100-24	ZA LRS-100-36	ZA LRS-100-48
OUTPUT	DC voltage	5V	12V	24V	36V	48V
	Rated output current	20A	8.33A	4.2A	2.78A	2.1A
	Output current range	0~20A	0~8.33A	0~4.2A	0~2.78A	0~2.1A
	DC power	100W	100W	100W	100W	100W
	Voltage adj.range	±10%	±10%	±10%	±10%	±10%
	Voltage tolerance	±2%	±1%	±1%	±1%	±1%
	Ripple and noise	70mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load stability	±0.1%	±0.5%	±0.5%	±0.5%	±0.5%
INPUT	AC voltage range	AC85~265V wide range 47~63Hz				
	Current	1.9A/115V 1.2A/230V				
	Efficiency	80%	85%	86%	86%	86%
	AC Inrush current	Cold-start current 20A/115V 40A/230V				
	Leakage current	<0.5mA/240VAC				
PROTECTION	Overload	110 ~ 150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed				
	Over-voltage	Protection type : Shut down o/p voltage, re-power on to recover 5.75-6.9V 13.8-16.2V 28.8-33.6V 41.4-48.6V 55.2-64.8V				
	Short Circuit	Protection type : Shut off				
SAFETY	Setup rise hold up time	200ms,100ms,20ms				
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES				
	Withstand voltage	Input and output interval,1.5KVAC,Input and enclosure,1.5KVAC,Output and enclosure,0.5KVAC				
	Isolation resistance	Input and output interval,Input and enclosure,Output and enclosure,500VAC/100MΩ				
ENVIRONMENT	Temperature coefficient	±0.03%/°C (0~50°C )				
	Working temperature and humidity	-20~+60°C,20~90%RH				
	Store temperature and humidity	-40°C~+85°C,10~95%RH				
OTHER	Overall dimension	129*97*30mm 63pcs/Carton ( common packing )				
	Weight	0.3Kg				
CERTIFICATE	CE EMC Authenticate	EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008 EN55024:2010 EN55015:2006+AL2007+2009 EN61547:2009				
	CE LVD Authenticate	EN61347-1:2008T A1:2001 EN61347-2-13:2006 EN60950-1:2006+A11:2009+A1:2010+A12:2001				
	ROHS Authenticate	EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996 EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008				