

# POWERTRONIC

SPECIFICATION / MODEL		ZA MS-50-5	ZA MS-50-12	ZA MS-50-24	ZA MS-50-36	ZA MS-50-48
Output	DC voltage	5V	12V	24V	36V	48V
	Rated output current	10A	4.2A	2.1A	1.39A	1A
	Output current range	0~10A	0~4.2A	0~2.1A	0~1.39A	0~1A
	DC power	50W	50.4W	50.4W	50W	48W
	Voltage adj.range	+10,-5%	±10%	±10%	±10%	±10%
	Voltage tolerance	±2%	±1%	±1%	±1%	±1%
	Ripple and noise	75mVp-p	120mVp-p	120mVp-p	200mVp-p	200mVp-p
	Intet stability	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load stability	±1%	±0.5%	±0.5%	±0.5%	±0.5%
Input	AC voltage range	AC85~265V wide range 47~63Hz				
	Current	1.3A/115V 0.65A/230V				
	Efficiency	79%	85%	85%	86%	86%
	AC Inrush current	18A/115V 36A/230V				
	Leakage current	<0.5mA/240VAC				
Protection	Overload	Protection type : Constant current limiting, recovers automatically after fault condition is removed				
	Over-voltage	115%~135% Protection type :Shut off				
		5.75-6.75V	13.8-16.2V	27.6-32.4V	41.4~48.6V	55.2-64.81V
Safety	High temperature	ERH3 ≥ 55°C Fan on, ≤ 45°C Fan off, ≥ 70°C, Cut down output(5~15V)				
	Setup rise hold up time	200ms,100ms,30ms				
	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				
Environment	Isolation resistance	Input and output interval,Input and enclosure,Output and enclosure,500VAC/100M Ohms				
	Temperature coeffi cient	±0.03%/°C (0~50°C )				
	Working temperature and humidity	-10°C~+60°C,20~90%RH				
	Store temperature and humidity	-20°C~+85°C,10~95%RH				
Other	Overall dimension	110*78*36mm 80pcs/Carton ( common packing )				
	Weight	0.27Kg				
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				