

# POWERTRONIC

SPECIFICATION / MODEL		ZA MS-350-5	ZA MS-350-12	ZA MS-350-24	ZA MS-350-36	ZA MS-350-48
OUTPUT	DC voltage	5V	12V	24V	36V	48V
	Rated output current	60A	29.17A	14.58A	9.72A	7.29A
	Output current range	0~60A	0~29.17A	0~14.58A	0~9.72A	0~7.29A
	DC power	300W	350W	350W	350W	350W
	Voltage adj.range	±10%	±10%	±10%	±10%	±10%
	Voltage tolerance	±2%	±1%	±1%	±1%	±1%
	Ripple and noise	150mVp-p	150mVp-p	150mVp-p	240mVp-p	240mVp-p
	Intet stability	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load stability	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
INPUT	AC voltage range	85~132VAC/170~264VAC selected by switch 47~63Hz				
	Current	5A/115V 3.5A/230V				
	Efficiency	79%	82%	83%	84%	84%
	AC Inrush current	20A/115V 40A/230V				
	Leakage current	<3.5mA/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
High temperature	ERH3 ≥ 55°C Fan on, ≤ 45°C Fan off, ≥ 70°C, Cut down output(5~15V)					
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/100M Ohms				
ENVIRONMENT	Temperature coefficient	±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	200×110×50mm 20pcs/Carton ( common packing )				
	Weight	0.84Kg				
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						