

# POWERTRONIC

SPECIFICATION / MODEL		ZA MS-100-5	ZA MS-100-12	ZA MS-100-24	ZA MS-100-36	ZA MS-100-48
Output	DC Voltage	5V	12V	24V	36V	48V
	Rated current	20A	8.3A	4.2A	2.78A	2A
	Current range	0-20A	0-8.3A	0-4.2A	0-2.78A	0-2A
	DC power	100W	100W	100W	100W	100W
	Voltage ADJ.range	+10,-5%	±10%	±10%	±10%	±10%
	Voltage tolerance	±2%	±1%	±1%	±1%	±1%
	Ripple and noise	70mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-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	85~132VAC/170~264VAC selected by switch 47~63Hz				
	Current	1.3A/115V 0.65/230V				
	Effi ciency	77%	81%	82%	82%	82%
	AC Inrush current	Cold-start 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				
Safety	Setup,rise,hold up time	200ms,100ms,30ms				
	Vibration	10~500Hz,2G 10min,/1 cycle				
	Withstand voltage	Input and output internal:1.5KvAc,input and enclosure:1.5KvAc,Output and enclosure:0.5KvAc				
	Isolation resistance	Input and output internal:Input and enclosure,Output and enclosure:500VDC/100MΩ				
Environment	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				
	Overall dimension	160×98×38mm 40pcs/Carton ( common packing )				
Other	Weight	0.50Kg				
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					