



■ Features

Features:

- Universal AC input voltage
- Small volume, low weight, high efficiency
- Protections: short circuit/over load
- cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 Years warranty

■ Specification

Model		MS-120-12	MS-120-15	MS-120-24	MS-120-36	MS-120-48
output	DC voltage	12V	15V	24V	36V	48V
	Voltage tolerance	±1%	±1%	±1%	±1%	±1%
	Rated current	10A	8A	5A	3.3A	2.5A
	Current range	0~10A	0~8A	0~5A	0~3.3A	0~2A
	Rated power	120W	120W	120W	118.8W	120W
	Ripple&noise	100mvp-p	120mvp-p	150mvp-p	150mvp-p	180mvp-p
	DC voltage ADJ. range	±10%	±10%	±10%	±10%	±10%
input	Voltage range	90~132VAC/180~264VAC(selected by switch), 254~373VDC				
	frequency	47~63HZ				
	AC current	2.8A/115VAC, 1.4A/230VAC				
	efficiency	82%	83%	85%	85%	86%
	Inrush current	Cold start current 18A/115VAC, 36A/230VAC				
	Leakage current	< 3.5mA/240VAC				
protection	overload	Rated output power 115%~150% start over load protection protection type:hiccup mode, auto-recovery after fault condition is removed				
	Over voltage	15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V	54.8~56.6V
	-----	protection type:hiccup mode, auto-recovery after fault condition is removed				
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environment	Working temp, humidity	-10°C~+60°C, 20%~90%RH
	Storage temp, humidity	-20°C~+85°C, 10%~95%RH non-condensing
	Withstand vibration	10~500HZ, 2G10min/1cycle, period for 60 minutes, each axes
safety	Withstand voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100Mohms/500VDC
Fit standard	Safety standard	Compliance toUL1012
	EMC standard	Compliance to EN55022, CLASSA
others	Dimension	129*97*38mm (L*W*H)
	Weight/packing	0.45kg/45pcs/22.5kg/0.041 m ³ /1.45CUFT
note	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and25°Cof ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>	

Mulview Technology Limited

<http://www.mtlcctv.com>

TEL: 0086-755-88849659 FAX: 0086-755-83722362 E-mail: sales@mtlcctv.com