



■ 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	US-100-12	US-100-24	
output	DC voltage	12V	24V
	Voltage tolerance	±1%	±1%
	Rated current	8.3A	4.2A
	Current range	0~8.3A	0~4.2A
	Rated power	100W	100.8W
	Ripple & noise	100mvp-p	120mvp-p
	DC voltage ADJ. range	±10%	±10%
	Voltage range	170~264VAC	
	frequency	47~63HZ	
	AC current	0.8A/230VAC	
input	efficiency	82%	84%
	Inrush current	18A/110VAC 36A/230VAC	
protection	Leakage current	< 1mA/240VAC	
	overload	Rated output power 115%~135% start over load protection	
		protection type: hiccup mode, auto-recovery after fault condition is removed	
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 to UL1012	
	EMC standard	Compliance to EN55022, CLASS A	
others	Dimension	167*49*29mm (L*W*H)	

Weight/packing 0.27kg/50pcs/14.5kg/0.027 m³/0.96CUFT

note

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.

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