



FOR APPROVAL

承认书

产品名称/Type	Enclosed Switch-Mode Power Supply 封闭式开关电源	
产品型号/Model	ESE100-12M	
产品编码/ Product code:	DW100K1100	
输入电压/Input voltage	<input type="checkbox"/> 100-120VAC <input type="checkbox"/> 220-240VAC	<input type="checkbox"/> 100-240VAC <input checked="" type="checkbox"/> 其他 200-240VAC
输出模式/Out type	<input type="checkbox"/> 恒流/C.C	<input checked="" type="checkbox"/> 恒压/C.V
绝缘等级/Insulation	<input type="checkbox"/> Class I	<input checked="" type="checkbox"/> Class II
防护等级/IP Grade	<input checked="" type="checkbox"/> IP20 <input type="checkbox"/> IP65 <input type="checkbox"/> IP_____	
安装方式/Installation	<input type="checkbox"/> 独立式/Independent <input checked="" type="checkbox"/> 内装式/built-in <input type="checkbox"/> 插墙式/Plug-in	
RoHS	符合欧盟 RoHS 要求 Conform to RoHS	
客户/CUSTOMER		
客户编号/ Customer part NO.		
客户认可回签(章) AUTHORIZED SIGNATURE &COMPANY CHOP		
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批准/Approved by:	刘维勋	日期 Date 2012.05.04

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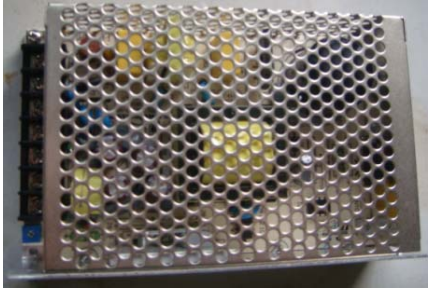
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DZ-YF3-002-10B

一. KEY FEATURES (产品特点)

<p>▲AC input: (176VAC-264VAC)</p> <p>▲Free Air Convection (自然空冷)</p> <p>▲Protections: short circuit/over load/over voltage (保护功能: 短路/输出过载/输出过压)</p> <p>▲Green LED indicator for power on (正常工作时绿色 LED 指示)</p> <p>▲Dimension:215X115X50mm (尺寸: 160X98X39mm)</p> <p>▲2-Years Product Warranty (2 年产品保证)</p>	<p>Picture(产品图片)</p> 
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二.ELECTRICAL SPECIFICATIONS (电气规格)

Max. Output Wattage (最大输出功率)		100W
Input(输入特性)	Rated input voltage(额定输入电压范围)	200-240VAC
	Range of input voltage (输入电压范围)	176-264VAC
	Frequency(Hz) (输入频率范围)	50/60Hz
	Power Factor(功率因素)	PF≥0.5 @Full Load ,230VAC
	Current (Full load) (输入电流在输出满载时)	1A max.(230VAC)
	Unload Power Consumption(空载功耗)	≤5W
	Inrush Current(浪涌电流)	<50A max. (230VAC)
Output (输出特性)	Voltage (VDC) (输出电压)	12V
	Current (Convection) (最小输出电流) (A)min	0A
	Current (Convection) (最大输出电流) (A)max	8.3A
	Voltage ADJ. Range(输出电压可调范围)	11.4V—13.2V
	Voltage Accuracy (电压精度)	±1%
	Line Regulation(线性调整率)	±1%
	Load Regulation(负载效应)	±1%
	Hold-up Time(输出保持时间)	10 ms min
	Ripple & Noise (max) (纹波与噪声)	150mV
	Efficiency(Typ.) (典型效率)	84%
Protection (保护特性)	Over Load(输出过载)	105-150% rated output power
		Protection type: Auto recovery(保护类型: 自动恢复)
	Over Voltage Protection(输出过压保护)	13.3V-15.6V
		Protection type : Auto recovery (保护类型: 自动恢复)
Short circuit Protection(短路保护)	Protection type: Auto recovery (保护类型: 自动恢复)	
withstand voltage (耐压)	Input-Output (V. AC) (输入-输出)	3000V
	Input-FG (V. AC) (输入-地)	1500V
	Output-FG (V. AC) (输出-地)	500V
	Leakage Current(泄漏电流)	<0.5mA(240VAC)

Isolation resistance (绝缘阻抗)	Input-Output (V. AC) (输入-输出)	$\geq 4M \Omega @ 500Vdc$
	Input-FG (V. AC) (输入-地)	$\geq 4M \Omega @ 500Vdc$
	Output-FG (V. AC) (输出-地)	$\geq 4M \Omega @ 500Vdc$
Environment (环境特性)	Operating Temperature (工作温度)	-20°C...+50°C
	Storage Temperature (存储温度)	-25°C...+80°C
	Temperature Coefficient (温度系数)	$\pm 0.03\%/^{\circ}C$ (0-50°C)
	Humidity (湿度)	95%RH
	MTBF	> 50,000h @25°C (MIL-HDBK-217F)
	Vibration (振动)	10-500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes
Others (其它)	Dimension (尺寸) (LXWXH)	160X98X39mm
Safety & EMC (安规与电磁兼容)	Safety standards (安全标准)	UL60950, EN60950
	EMI (Conducted & Radiated Emission) (传导与辐射干扰)	EN 55011 class B EN55022 class B
Note (备注)	<p>1: All parameters NOT specially mentioned are measured at 230VAC input, rated and 25°C of ambient temperature (所有的参数无特别说明的都是额定的输入交流 230V 和 25°C 的环境温度下测得)</p> <p>2: Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor. (纹波与噪声测试的标准: 用双绞线测试在 300mm 处并联 0.1uF 与 47 uF 的电容, 示波器用 20MHz 带宽)</p>	

三. MECHANICAL SPECIFICATIONS (机械规格)

