



## FOR APPROVAL

# 产品规格书

产品名称/Type	LED 电源
产品型号/Model	ELP040C1400LS
输入电压/Input voltage	<input type="checkbox"/> 100-120VAC <input type="checkbox"/> 220-240VAC <input checked="" type="checkbox"/> 其他 100-240VAC
输出模式/Out Type	<input checked="" type="checkbox"/> 恒流/C.C <input 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 Class	<input checked="" type="checkbox"/> IP20 <input type="checkbox"/> IP65 <input type="checkbox"/> IP ____
安装方式/Installation	<input checked="" type="checkbox"/> 独立式 <input type="checkbox"/> 内装式
RoHS	符合欧盟 ROHS 要求

客户/CUSTOMER	
客户编/PART NO.	
客户认可回签(章) AUTHORIZED SIGNATURE &COMPANY CHOP	

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DZ-YF3-002-02D

一. KEY FEATURES (产品特点)

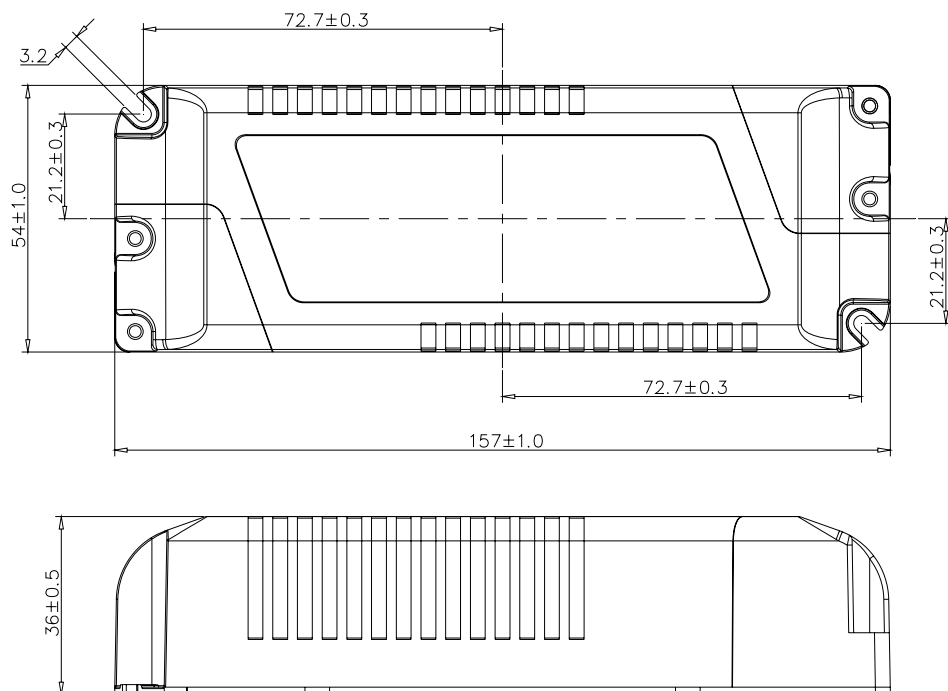
<p>▲Universal Input(100-240VAC)(全范围交流输入电压 100-240V)</p> <p>▲Protections: short circuit/over load/over voltage/over temperature (保护功能: 短路/输出过载/输出过压/过温)</p> <p>▲IP20 Protection Grade (IP20 防护等级)</p> <p>▲Power Factor(功率因数) PF<math>\geq</math>0.95</p> <p>▲High Efficiency (效率) <math>\geq</math>86%</p>	<p>Picture(产品图片)</p> 
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二.ELECTRICAL SPECIFICATIONS (电气规格)

类别	Item 项目	技术指标
Input (输入特性)	Voltage(输入电压范围)	100-240V
	Frequency(Hz) (输入频率范围)	47-63 Hz
	Power Factor(功率因数)	PF $\geq$ 0.97(120VAC), PF $\geq$ 0.95(230VAC) @Full Load and Typical Output Voltage
	Current(Full load) (输入电流在输出满载时)	0.42A MAX.(120VAC) 0.23A MAX.(230VAC)
	Inrush Current (浪涌电流)	10A MAX.(230VAC)
	Leakage Current(漏电流)	<0.5mA/230VAC
Output (输出特性)	Constant current (恒流)	1400mA
	Current Accuracy (电流精度) Note. 2	$\pm$ 6%
	Voltage rang (输出电压范围)	16-30V
	Load range(负载范围)	20-40W
	Line Regulation(电压调整率)	$\pm$ 5%
	Load Regulation(负载调整率)	$\pm$ 5%
	Efficiency (效率)	$\geq$ 86%
Current Ripple (电流纹波)	360mAp-p	
Dimming (调光)	Dimming	NA
	Dimming mode(调光模式)	NA
Protection (保护特性)	Over Load(输出过载)	108-110%rated output power
		Protection type: Auto recovery(保护类型: 自动恢复)
	Over Voltage Protection(输出过压)	35-39V
		Protection type :Auto recovery(保护类型: 自动恢复)
	Short circuit Protection(短路)	自动恢复
Over Temperature(过温)	OTP $\geq$ 125 $\pm$ 5 $^{\circ}$ C	
	Protection type: Auto recovery(保护类型: 自动恢复)	
withstand voltage(耐压)	Input-Output(V.AC)(输入-输出)	3750V/min
	Output-Crust(V.AC)(输出-外壳)	3750V/min

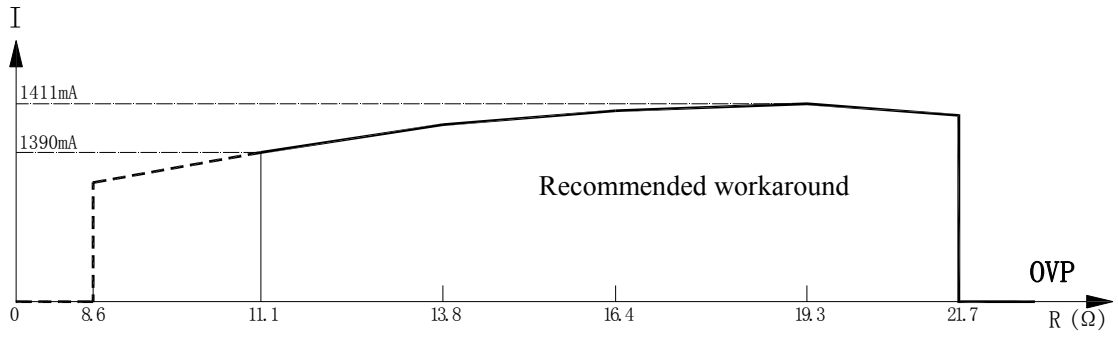
Isolation resistance (绝缘阻抗)	Input-Output, Input-FG, Output-FG:100Mohms/500vdc/25°C/70%RH	
Environment/ life (环境特性/寿命)	Operating Temperature(工作温度)	5°C...+50°C (Refer to output load derating curve)
	Storage Temperature(存储温度)	-10°C...+60°C
	Temperature Coefficient(温度系数)	±0.03%/°C(0-50°C)
	Humidity(湿度)	10%-95%RH
	Lifetime(寿命)	> 50,000h @25°C
feature (特征)	Dimension (尺寸)(LXWXH)	157*54*36(LXWXH)mm
	Weight(重量)	210g
	Cooling Method(冷却方法)	Free convection
Safety & EMC (安规与电磁兼容)	Approval (认证)	CE
	Safety standards (安全标准)	EN 61347-1; EN61347-2-13 EN60598-1; EN60598-2-6 UL1310
	EMS Immunity(电磁抗干扰)	EN61547
	Harmonic current(谐波电流)	EN61000-3-2
	EMI(Conducted & Radiated Emission) (传导与辐射干扰)	EN 55015      FCC PART15
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 在额定的输入交流 230V 和 25°C 的环境温度下测得。</p> <p>2. The Accuracy is the total Accuracy which Comprises the Line Regulation ,Load Regulation and Error (此精度包含了电压调整率、负载调整率以及设计误差)</p> <p>3.Ripple &amp; Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uf &amp; 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)



四. Function Curve(功能曲线)

A. Output Curve(I-R)



B. Output Curve(I-U)

