



特 点

- * 工业标准19英寸外形, 1U标准高度
- * 宽输入电压范围, 兼容交直流两种输入
AC:90Vac~290Vac DC:100Vdc~400Vdc
- * 工作环境温度: -30℃~+70℃
- * 完善的输出保护功能: OCP,OVP,OTP
- * 具备电池智能维护功能, 均浮充自动转换
- * 最大电流均流技术, 实现1+1热备份
- * 遥信功能, 故障及熔丝告警功能及上位机设定电池充电电流功能。
- * EMC特性符合相关通信标准规范

Features

- * Industrial standard Size(19 inch), 1U standard height
- * Wide Input Voltage Range, Compatible with ac and dc input modes
AC:90Vac ~290Vac DC:100Vdc~400Vdc
- * Operating Temperature:-30℃~+70℃
- * Complete protection: OCP,OVP,OTP
- * With intelligent battery maintenance function, Automatically converts floating charging and constant-current charging
- * The maximum current automatic current-sharing technology, 1+1 hot backup
- * Remote communication function, Fault and fuse alarm and PC settings battery charge current function.
- * EMC properties meet the relevant communication standards

型号 (Model Number) : DSL-ZX500W2AG

输入特性(Input)

注释(Notes and Conditions)

输入电压范围(Input Voltage Range)	90~290Vac	300Vac Max
	100~400Vdc	
输入频率(Input Frequency)	40~60Hz	

输出特性(Output)

注释(Notes and Conditions)

输出电压标称值 (Output Voltage Nominal)	54Vdc	
输出电压整定值(Output Voltage Tolerance)	-52.5Vdc~-55.5Vdc	
输出电流标称值 (Output Current Nominal)	10A	
源效应(Line Regulation)	Vo1:±2%	Vimin~Vimax, Ionom
负载效应(Load Regulation)	Vo1:±2%	0~Ionom, Vinom
输出过压保护点 (Output Overvoltage Protection)	60Vdc	
短路保护(Short-Circuit Protection)	连续自恢复	
上电启动时间 (Turn on Time)		
断电保持时间 (Hold-up Time)		
瞬态响应(Dynamic Response)		
过冲幅度(Peak Deviation)	±5%Vo	25%-50%-25% of Ionom
跌落幅度 (Undershoot Deviation)		
恢复时间(Settling Time)	200μs	and 50%-75%-50% of Ionom
输出纹波及噪声峰峰值 (Output Ripple and Noise)	200mV	
功率因数 (Power Factor)	0.95	Vinom, Ionom

一般特性(General)

注释(Notes and Conditions)

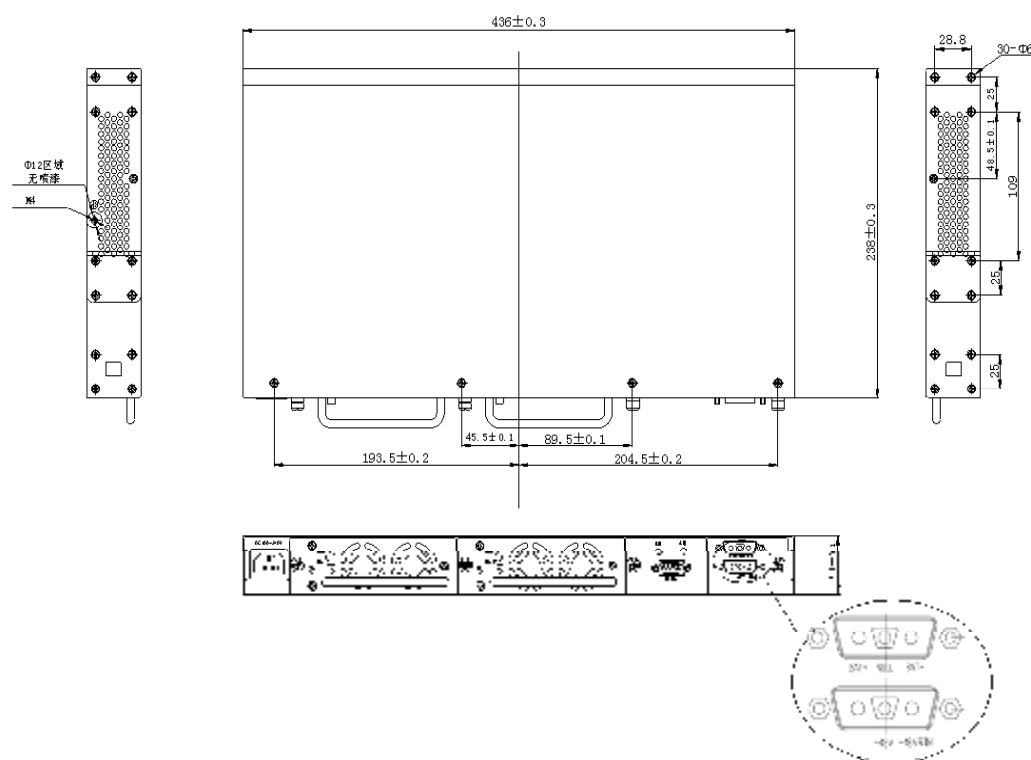
温度系数(Temperature Coefficient)	±0.02%/℃	
工作环境温度(Ambient Temperature)	-30℃~+70℃	
贮存温度(Storage Temperature)	-40℃~+85℃	
过温保护 (Over Temperature Protection)	80℃	Vinom, Ionom
效率 (Efficiency)	83%	Vinom, Ionom
平均故障间隔时间(MTBF)	1.5×10 ⁵ h	Bellcore TR-332 (Ta=25℃)
绝缘电压(Isolation Voltage)		
输入与输出(Input-Output)	3000Vac 1min	
输入与外壳(Input-Case)	1500Vac 1min	
输出与外壳(Output-Case)	500Vac 1min	
绝缘电阻(Isolation Resistance)	10MΩ	

注: 除非另有说明, 指标一般在标称输入电压、满载和25℃环境温度。

Note: All specifications are typical at nominal input, full load at 25℃, unless otherwise stated.

安装尺寸 (Mechanical Drawing)

尺寸单位是mm; All Dimensions in mm



接插件	输入插座	输出线束				
引脚	1	2	3	4	5	
引线颜色						
符号		-48V	-48VRTN	BAT+	MULL	BAT-
定义	见上图	输出正	输出负	电池正	空脚	电池负

温度降额曲线

