

舞台灯锂电池组

锂电池组-舞台灯锂电池组应用方案

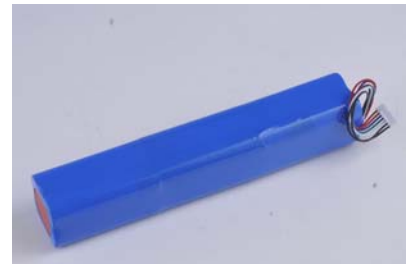
一、舞台场景灯介绍

安装 72 颗 3W 的白色 LED，配置多功能支架，LED 采用空气对流式散热，无风扇无噪音，可选透镜角度：10°、25°、40° 或 60，刷新频率达 1000HZ，在高清相机下无闪动，多台机可简易组合效果，是电视演播厅，剧场，突发新闻采访等场所的最佳 LED 灯选择。



二、舞台场景灯备用电池要求

舞台场景灯备用电池要求电池使用循环寿命达到 1000 次，连续工作 7 小时以上，所以锂电池电芯全部采用进口三洋 18650 锂离子电芯，用 3 串 4 并组合方式实现客户相关参数需求。



电池组型号	Li-ion 18650 10.4Ah 11.1V (3S4P)
单体电池型号	三洋锂离子 18650 电芯
电池组合方式	3 串 4 并
单体电池电压	3.7V
电池组组合后电压	11.1V(3.7V/节*12 节)
组合后电池充放电电压范围	9—12.6V
电池组尺寸	37*37*196*mm
最大放电电流	>2A
瞬间放电电流	>4A
最大充电电流	>0.2-0.5C
充放电次数	>1000 次

温度性能

放电温度范围：-10℃—60℃

充电温度范围：0℃—40℃

贮藏温度：3 个月：-20℃—45℃

1 个月：-20℃—60℃

Imported batteries :

Lithium battery pack - the stage lights lithium battery pack applications

一、Introduction to the stage scene lights

Installation the 72 3W white LED, configuration multifunction bracket, LED air convection cooling fan noise Optional lens angle:10 °, 40 ° or 60 refresh rate of 1000HZ in high-definition camerano flashing, more than

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Add: 19F, Unit 2, Nanguo Building, Hongling Road, Futian District, Shenzhen, China.

Factory: Chuangyi Road, Longhua Village, Bao An District, Shenzhen P.R. China.

Tel: 86-755-22209901 Fax: 86 -755-22219161 Zip Code: 518031 Email: info@yinyoo.com

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one machine can be simple combination effect, a TV studio, theater, breaking news, interviews and other places LED lights select.

二、 stage scene lights battery backup requirements

The stage scene lights spare batteries require battery cycle life up to 1000 times more than seven

hours of continuous work, so the lithium batteries used in all import Sanyo 18650 lithium-ion batteries, with the 3 series and combined to achieve customer demand for relevant parameters.

Battery pack Model	Li-ion 18650 10.4Ah 11.1V (3S4P)
Single battery Model	18650 Sanyo lithium-ion batteries
Battery combinations	3 Series
Cell voltage	3.7V
After the voltage of the battery pack combination	11.1V (3.7V / * 12)
Combination of battery charge and discharge voltage range	9—12.6V
The size of the battery pack	37*37*196*mm
Maximum discharge current	>2A
Instantaneous discharge current	>4A
The maximum charging current	>0.2-0.5C
Charge and discharge times	>1000

Temperature performance

Discharge temperature range: -10 °C -60 °C

Charging temperature range: 0 °C -40 °C

Storage Temperature: 3 months: -20 °C -45 °C

1 month: -20 °C -60 °C

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