

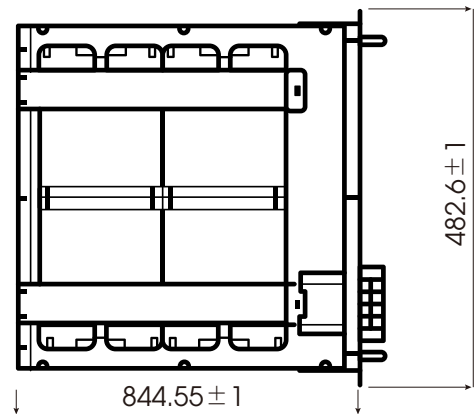
UPS BATTERY

192V100AH

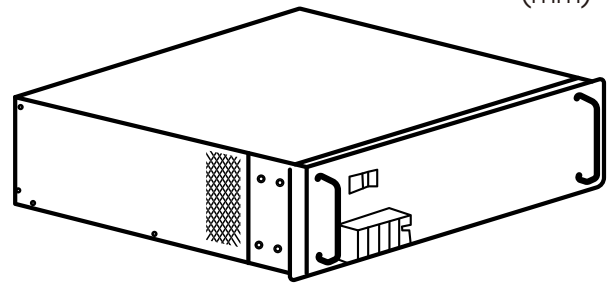
INTRODUCE 简介

An Uninterruptible Power Supply, also called as a UPS system or UPS battery backup, protects connected equipment from power problems and provide backup power when the input power source or mains power fails. UPS with double conversion (On-Line) topology provides consistent, clean, and near perfect power with zero transfer time regardless of the condition of incoming power.

不间断电源,也称为UPS系统或UPS备用电池,可保护连接的设备免受电源问题的影响,并在输入电源或市电出现故障时提供备用电源。具有双转换(在线)拓扑结构的UPS无论输入电源的情况如何,都能以零传输时间提供一致、清洁和近乎完美的电源。



(mm)



FEATURES & BENEFITS 功能和优点

- ◆ **Rack tower conversion**
机架/塔架转换
- ◆ **Long service life**
使用寿命长
- ◆ **Wide operating temperature range**
工作温度范围广
- ◆ **Independent development and production of single cells - make sure consistency performance of cells**
独立开发和生产单体电池——确保电池的一致性性能。
- ◆ **Small size, high voltage, and big capacity**
体积小、电压高、容量大
- ◆ **Stronger load ability, cost-effective, low investment cost**
负载能力更强, 性价比高, 投资成本低

APPLICATION SCENARIO 应用场景

- ◆ **Personal or home computer**
个人或家庭电脑
- ◆ **Enterprise servers and network devices**
企业服务器和网络设备
- ◆ **Public utilities and transportation**
公共事业和交通运输
- ◆ **factory**
工厂
- ◆ **Medical equipment**
医疗设备

SPECIFICATIONS 规格

MODEL:192V100Ah

Rated voltage (V) 额定电压(V)	204.8
Rated Capacity (Ah) 额定容量(Ah)	100
Rated energy (kwh) 额定能量(kwh)	20.48
Working voltage range (V) 工作电压范围(V)	147.2~233.6 (Single cell / 单体 2.3V-3.65V)
Equalized charging voltage (V) 均充电压(V)	217.6~220.8 (Single cell / 单体 3.40V-3.45V)
Float voltage (V) 浮充电压(V)	213~216 (Single cell / 单体 3.33V-3.38V)
Continuous charging current (A) 持续充电电流(A)	0-100
Peak charging current (A) 峰值充电电流(A)	150 ; 5s
Continuous discharge current (A) 持续放电电流(A)	100
Peak discharge current (A) 峰值放电电流(A)	150 ; 30s
Communication method 通讯方式	CAN/RS485
Dry node output 干节点输出	2 way (NO/NC optional) 2路(NO/NC可选)
Charge and discharge capacity efficiency 充放电容量效率	≥96%
Cooling method 冷却方式	Natural Cooling 自然冷却
Cycle life 循环寿命	≥2000 times ≥2000次
Waterproof level 防水等级	IP40
Dimensions (mm) 尺寸(mm)	19U
Total mass (kg) 总质量(kg)	≈210
Operating temperature 工作温度	Charging temperature (充电温度): 0°C~60°C
	Discharge temperature (放电温度): -20°C~60°C

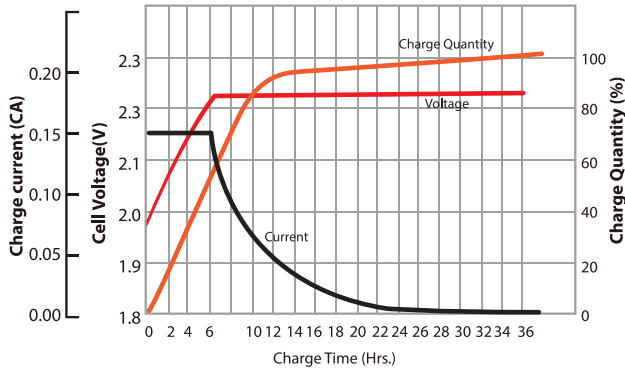
APPEARANCE SPECIFICATION 外观规格

Dimension(WxH cm) 尺寸(宽x高 cm)	48.26cm x 84.455cm
-----------------------------------	--------------------

BATTERY CHARACTERISTICS 电池特性

◆ Charge Characteristics 电荷特性

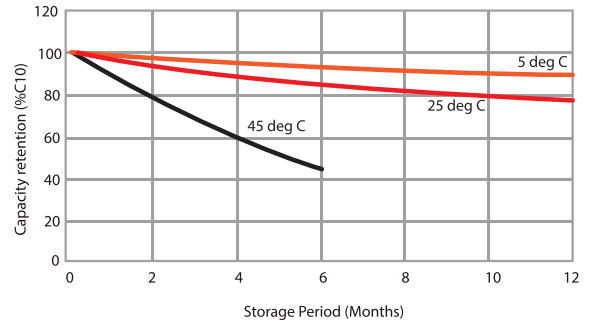
电荷特性



Temperature : 27 deg C Discharge : 100% C10 rate Recharge : 2.23 vpc 0.15C Amps

◆ Capacity Retention Characteristics 容量保持特性

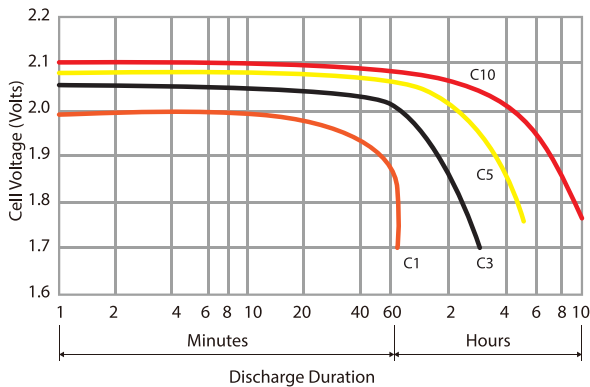
容量保持特性



• Supplementary charge is recommended before capacity retention ratio drops less than 80%.

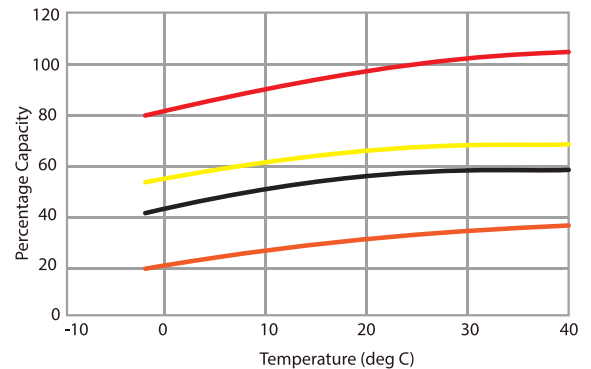
◆ Discharge Performance Curves 流量性能曲线

流量性能曲线



◆ Effect of Temperature on Capacity 温度对容量的影响

温度对容量的影响



AUTHENTICATION 认证



ISO 14001



ISO 9001



ROHS



CE

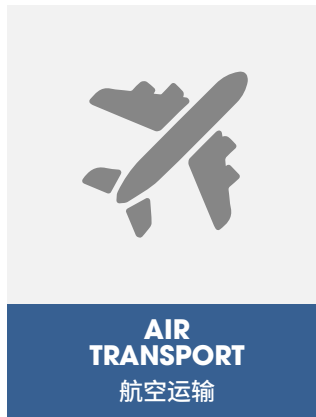
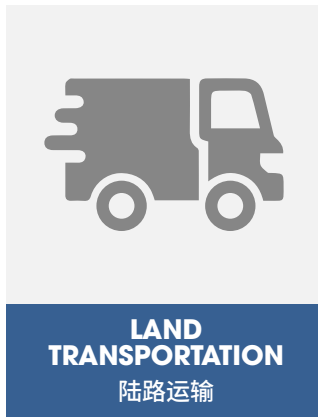


FC

STORAGE 储存

- ◆ Avoid storing in high or low temperature environments, preferably between 15°C and 25°C.
避免存放在高温或低温环境中, 温度最好在 15°C~ 25°C之间。
- ◆ When storing, it is important to avoid external vibrations and collisions as much as possible to avoid short circuits inside the battery or damage to the metal casing.
存放时应尽量避免外力的振动和碰撞, 以免造成电池内部短路或损坏金属外壳。
- ◆ It should be stored in a dry and ventilated place, away from sources of ignition, direct sunlight, and humidity. Moisture-proof preservatives or desiccants can be used.
需存放在干燥通风的地方, 远离火源、日光直射和潮湿, 可以使用防潮保鲜剂或干燥剂。
- ◆ Long stored batteries need to be regularly charged, and it is recommended to charge them every 3-6 months to maintain battery performance.
长时间存放的电池需定期充电, 建议每3-6个月进行一次充电, 以保持电池性能。
- ◆ If the interval time is too long, there may be internal precipitation of the electrolyte, which can lead to a rapid decrease in battery capacity. Slow charging is necessary to restore battery performance.
间隔时间过久, 可能出现电解液内部沉淀现象, 会导致电池容量快速降低, 需进行慢速充电以恢复电池性能。

TRANSPORT 运输



CONTACT INFORMATION 联系方式

◆ **From:** ESS COLLEGE
公司:ESSC

◆ **Tel:** +86-18512006111
电话: +86-18512006111

◆ **Add:** ShangYan Road ,YuanZhou Ave.,YuanZhou Town,HuiZhou City,
GuangDong Province,P.R.C

地址:广东省惠州市袁州镇袁州大道上燕路