

# AGSP-ASS-090H-M (EV)

## 储能型飞机地面静变电源(电动车式)

Energy-storage type aircraft ground power supply (Electric)



- 应用于民航机场, 积极响应“蓝天保卫战”, 替代移动式燃油APU电源, 为飞机提供清洁高效稳定的400Hz电源。  
It is applied to civil aviation airports, actively responds to the "Blue Sky Defense War", replaces mobile fuel APU power supply, and provides clean, efficient and stable 400Hz power supply for aircraft.
- 集自主研发的飞机地面静变电源、电动车、储能电池为一体的移动式储能静变电源。  
It is a mobile energy storage static variable power supply integrating self-developed aircraft ground static variable power supply, electric vehicle and energy storage battery.
- 模块化配置, 可115V/400Hz、28Vdc双电源输出。  
Modular configuration, 115V/400Hz, 28VDC dual power output.
- 满足民航各类飞机供电要求。  
Meet that power supply requirement of various civil aviation aircrafts.



### 安全可靠 / Safe and Reliable

采用电池模块级自动化消防,  
整车移动式消防的双消防系统

Dual fire fighting systems of battery module-level automatic fire fighting and mobile fire fighting of the whole vehicle are adopted.



### 供电可靠 / Reliable Power Supply

电网与电池双电源供电,  
不受电网闪断影响

Dual power supply of power grid and battery,  
not affected by power grid flashover.



### 智能诊断 / Intelligent Diagnosis

运行全过程诊断,  
故障定位准确, 检修方便

Diagnosis in the whole process of operation,  
accurate fault location and convenient maintenance.



### 云服务 / Cloud Services

搭载自主开发的云平台,  
设备数字化管理, 提高运维效率

Equipped with self-developed cloud platform,  
equipment is managed digitally to improve operation  
and maintenance efficiency.



### 快速移动 / Move Fast

无需配置拖车,  
特别适用于应急供电

No need to configure the trailer,  
especially suitable for emergency power supply.



| 产品型号/Product model                              |  | AGSP-ASS-090H-M (EV)                         |
|-------------------------------------------------|--|----------------------------------------------|
| 直流充电/DC Charging                                |  |                                              |
| 连接方式/Connection mode                            |  | 标准直流充电机接口/Standard direct charging interface |
| 最大充电电压/Maximum charging voltage                 |  | 690Vdc                                       |
| 充电功率/Charging power                             |  | 92kW                                         |
| 最大持续充电电流/Maximum continuous charging current    |  | 150A                                         |
| 400Hz输出/400Hz Output                            |  |                                              |
| 额定容量/Rated capacity                             |  | 90kVA                                        |
| 额定电压/Rated voltage                              |  | 115/200VAC                                   |
| 额定频率/Rated frequency                            |  | 400Hz                                        |
| 连接方式/Connection mode                            |  | 3P+N                                         |
| 功率因数/Power factor                               |  | 0.7~1                                        |
| 电压谐波/Voltage harmonics                          |  | <0.7%                                        |
| 过载能力/Overload Capacity                          |  |                                              |
| 110%                                            |  | 持续60min/Lasts 60min                          |
| 125%                                            |  | 持续20min/Lasts 20min                          |
| 150%                                            |  | 持续15min/Lasts 15min                          |
| 200%                                            |  | 持续31s/Lasts 31s                              |
| 300%                                            |  | 持续10.9s/10.9s                                |
| 400%                                            |  | 持续1.7s/Lasts 1.7s                            |
| 直流输出/DC Output                                  |  |                                              |
| 额定电流/Rated current                              |  | 800A                                         |
| 持续工作电流/Continuous operating current             |  | 800A                                         |
| 额定电压/Rated voltage                              |  | 28V                                          |
| 直流过载/DC Overload                                |  |                                              |
| 125%                                            |  | 持续303s/Lasts 303s                            |
| 275%                                            |  | 持续2.2s/Lasts 2.2s                            |
| 保护/Protect                                      |  |                                              |
| 保护等级/Level of protection                        |  | IP55                                         |
| 不间断电力传输/Uninterrupted power transmission        |  | 具备/Available                                 |
| 输出过/欠压保护/Output over/under voltage protection   |  | 具备/Available                                 |
| 过载保护/Overload protection                        |  | 具备/Available                                 |
| 内部过温保护/Internal over-temperature protection     |  | 具备/Available                                 |
| 输出短路保护/Output short circuit protection          |  | 具备/Available                                 |
| 输出N线断线保护/Output N line disconnection protection |  | 具备/Available                                 |
| 输出N线电压监测/Output N-line voltage monitoring       |  | 具备/Available                                 |
| 漏电流监测/Leakage current monitoring                |  | 具备/Available                                 |
| 输入过/欠压保护/Input over/under voltage protection    |  | 具备/Available                                 |
| 输入过/欠频保护/Input over/under frequency protection  |  | 具备/Available                                 |
| 输入过流保护/Input overcurrent protection             |  | 具备/Available                                 |
| 效率/Efficiency                                   |  |                                              |
| 运行效率/Operational efficiency                     |  | ≥95%                                         |
| 静态损耗/Static loss                                |  | 50W                                          |
| 空载损耗/No-load loss                               |  | 1kW                                          |
| 环境/Environment                                  |  |                                              |
| 运行温度/Operating temperature                      |  | -35℃~60℃                                     |
| 相对湿度/Relative humidity                          |  | 0~100% (无凝露) /0 ~ 100% (no condensation)     |
| 噪音等级/Noise level                                |  | <64dB                                        |
| 海拔/Altitude                                     |  | <2000m                                       |
| 其他/Other                                        |  |                                              |
| 平均故障时间间隔MTBF/Mean time between failure MTBF     |  | >25000小时/>25000 hours                        |
| 平均故障修复时间MTTR/Mean time to repair MTTR           |  | <20分钟/< 20 minutes                           |
| 结构/Structure                                    |  |                                              |
| 尺寸(长*宽*高)/Dimensions (L * W * H)                |  | 5910*2010*2330mm                             |
| 重量/Weight                                       |  | 5000kg                                       |