

# AGSP-ASS-180H-M

## 180kVA储能型飞机地面静变电源(拖曳式)

180kVA Energy-storage type aircraft ground power supply (drag type)



- 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、拖曳式底盘、储能电池为一体的移动式储能静变电源, 移动方便, 适用于多种机位。  
The mobile energy storage static variable power supply, which integrates self-developed aircraft ground static variable power supply, towed chassis and energy storage battery, is convenient to move and suitable for a variety of aircraft positions.
- 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

可电网与电池双电源供电,  
不受电网闪断影响

It can be powered by both 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.



产品型号/Product model		AGSP-ASS-180H-M
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	700V	
充电功率/Charging power	150kW	
最大充电电流/Maximum charge current	250A	
电池舱输入/Battery Compartment Input		
额定电压/Rated voltage	618.24V	
最低电压/Minimum voltage	480V	
最高电压/Maximum voltage	700.8V	
最大持续充电电流/Maximum continuous charging current	250A	
最大持续放电电流/Maximum continuous discharge current	400A	
峰值放电电流/Peak discharge current	900A	
400Hz输出/400Hz Output		
额定容量/Rated capacity	180kVA	
额定电压/Rated voltage	115V	
额定频率/Rated frequency	400Hz	
连接方式/Connection mode	3P+N	
额定功率因数/Rated power factor	0.7~1.0	
电压THD/Voltage THD	<0.7%	
过载/Overload		
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	
效率/Efficiency		
复合效率/Compound efficiency	>95%	
环境/Environment		
工作温度/Operating temperature	-35°C~55°C	
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	
防护等级	IP55	
结构/Structure		
尺寸(长*宽*高)/Dimensions (L * W * H)	4350*1790*1750mm	
重量/Weight	5000kg	
其他/Other		
平均故障时间间隔MTBF/Mean time between failure MTBF	>15000小时/> 15000 hours	
平均故障修复时间MTTR/Mean time to repair MTTR	<20分钟/< 20 minutes	