

AGSP-ASS-090H-M

90kVA储能型飞机地面静变电源(拖曳式)

90kVA 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-090H-M
直流充电/DC Charging		
连接方式/Connection mode		标准直接充电接口/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 60 min
125%		持续20min/Lasts 20 min
150%		持续15min/Lasts 15 min
200%		持续30.8s/Lasts 30.8s
300%		持续10.7s/Lasts 10.7s
400%		持续1.6s/Lasts 1.6s
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		
复合效率/Compound efficiency		>96%
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		≤62dB
海拔/Altitude		<2500m
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)		3000*1750*1750mm
重量/Weight		2480kg