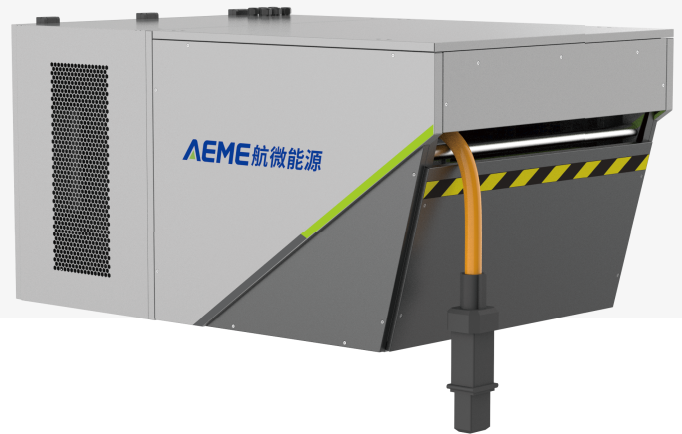


AGSP-ASS-090H-H

90kVA桥载式飞机地面静变电源

90kVA Energy-storage type aircraft ground power supply (all-in-one machine)



- 应用于民航机场，配合机场节能减排与“绿色机场”建设，替代传统APU，向飞机提供绿色高效稳定的400Hz电源。
It is applied to civil aviation airports, cooperating with airport energy saving and emission reduction and "green airport" construction, replacing traditional APU, and providing green, efficient and stable 400Hz power supply to aircraft.
- 由飞机地面静变电源和卷线装置组合而成，适应于廊桥、地面安装。
It is composed of aircraft ground static variable power supply and coiling device, and is suitable for gallery bridge and ground installation.
- 电源采用空间矢量脉宽调制、电压解耦控制、电压动态补偿等技术，具有输出电压稳定、畸变率小、响应速度快等优势，满足飞机不平衡负载供电要求。
Space vector pulse width modulation, voltage decoupling control, voltage dynamic compensation and other technologies are used in the power supply, which has the advantages of stable output voltage, low distortion rate and fast response, and meets the requirements of unbalanced load power supply for aircraft.
- 满足民航各类飞机供电要求。
Meet that power supply requirement of various civil aviation aircrafts.



模块化设计 / Modular Design

集成度高、体积小、重量轻、可维修性好
High integration, small size, light weight and good maintainability.



安全可靠 / Safe and Reliable

具有过/欠压保护、
过流保护、过/欠频等保护功能
With over/under voltage protection,
overcurrent protection,
over/under frequency protection and other protection functions.



防闪断 / Anti-flash-off

在电网电压跌落时，
仍实现不间断输出
When the grid voltage drops,
it still realizes uninterrupted output.



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-H
交流输入/AC Input	
额定电压范围/Rated voltage range	285V~475V
额定频率范围/Rated frequency range	40~70Hz
连接方式/Connection mode	3P+N+PE
功率因数/Power factor	≥0.99
冲击电流/Surge current	无/No
400Hz输出/400Hz Output	
额定容量/Rated capacity	90kVA
额定频率范围/Rated frequency range	400Hz
功率因数/Power factor	0.7~1
直流分量/DC component	0V
电压THD/Voltage THD	<0.7%
波峰系数/Crest factor	1.414
相电压不平衡/Phase voltage unbalance	0.1V
稳态频率/Steady-state frequency	400Hz
电压调制幅度/Voltage modulation amplitude	0.5V
相移/Phase shift	119.90°~120.03°
过载/Overload	
110%	持续60min/Lasts 60 min
125%	持续20min/Lasts 20 min
150%	持续15min/Lasts 15 minutes
200%	持续31s/Lasts 31s
300%	持续10.9s/Lasts 10.9s
400%	持续1.7s/Lasts 1.7s
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	
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
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
环境/Environment	
运行温度/Operating temperature	-50°C~65°C
相对湿度/Relative humidity	0~100%(无凝露)/0~100%(no condensation)
噪音等级/Noise level	57.0dB
结构/Structure	
尺寸(长*宽*高)/Dimensions (L * W * H)	1580*1050*800mm
重量/Weight	678kg
效率/Efficiency	
运行效率/Operational efficiency	≥96%
静态损耗/Static loss	50W
空载损耗/No-load loss	1.5kW