

AGSP-ASS-090H-HU

不间断飞机地面静变电源

Energy-storage type aircraft ground power supply (uninterrupted)



- 应用于民航机场, 在电网电压骤降为0V时, 可支持数分钟400Hz稳定不间断供电。
When applied to civil aviation airports, it can support 400Hz stable uninterrupted power supply for several minutes when the grid voltage drops to 0 V.
- 集自主研发的飞机地面静变电源、固定式卷线器、钛酸锂电池为一体, 集成度高, 具有体积小、重量轻、可维修性好等优点, 地面安装。
It integrates self-developed aircraft ground static variable power supply, fixed winder and lithium titanate battery, with high integration, small size, light weight, good maintainability and other advantages, and is installed on the ground.
- 供电可靠, 不受电网闪断影响, 确保检修的可靠性和连续性, 减少非计划停电造成的检修延误。
The power supply is reliable and is not affected by the flashover of the power grid, so as to ensure the reliability and continuity of maintenance and reduce the maintenance delay caused by unplanned power outage.
- 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

体积小、重量轻、
可维修性好
Small volume, 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.



循环寿命强 / Long Cycle life

钛酸锂循环最大可达20000次
Lithium titanate can be cycled up to 20000 times.



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-HU
交流输入/AC Input	
额定电压范围/Rated voltage range	320V~460V
额定频率范围/Rated frequency range	50/60Hz±5Hz
连接方式/Connection mode	3P+N+PE
整流方式/Rectification mode	有源整流/Active rectification
冲击电流/Surge current	无/No
400Hz输出/400Hz Output	
额定电压/Rated voltage	115/200V, 三相四线/115/200V, 3-phase, 4-wire
额定容量/Rated capacity	90kVA
额定频率范围/Rated frequency range	400Hz
功率因数/Power factor	0.7~0.95
直流分量/DC component	0V
电压THD/Voltage THD	1.3%
波峰系数/Crest factor	1.42
相电压不平衡/Phase voltage unbalance	0.42V
稳态频率/Steady-state frequency	400.00~400.01Hz
电压调制幅度/Voltage modulation amplitude	< 0.57V
相移/Phase shift/	119.9°~120.1°
过载/Overload	
125%	持续10min/Last 10 min
150%	持续1min/Last 1 min
200%	持续30s/Last 30s
300%	持续10s/Last 10s
400%	持续1s/Last 1s
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	2kW
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	-40°C~60°C
相对湿度/Relative humidity	0~100% (无凝露)/0 ~ 100% (no condensation)
噪音等级/Noise level	<64dB
结构/Structure	
尺寸(长*宽*高)/Dimensions (L * W * H)	1050*1700*2041mm
重量/Weight	1200kg
安装方式/Installation method	落地式安装/Floor mounted
海拔/Altitude	<2000m