

CA100I

航空活塞发动机

AERO ENGINES



无繁琐电路接线
拆卸发动机快捷

No completed circuit wiring
with fast disassembled from aircraft

采用水平对置双缸设计
发动机转速稳定 振动小 低成本

Adopts horizontally opposed double-cylinder design
with stable engine speed, small vibration and cost-effective

最大使用高度 $\geq 5000\text{m}$

Maximum operating altitude
 $\geq 5000\text{m}$ ASL



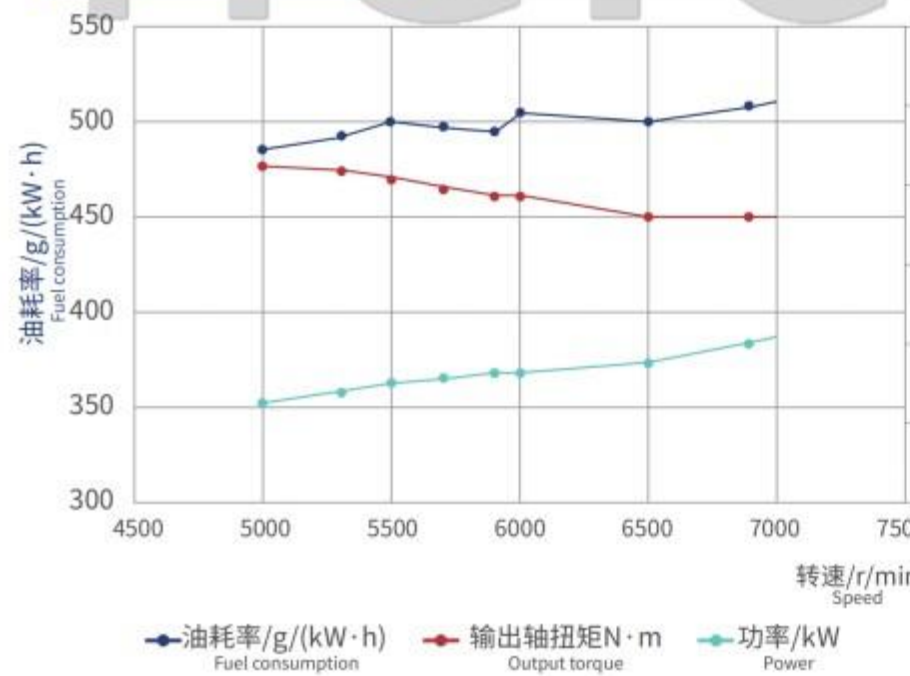
可根据客户需求进行定制开发,使产品更符合客户的使用需求
Customized development at the request of customer requirements



配置项目 Configuration Items	参数 Parameter
CA100I航空活塞发动机 CA100I AERO ENGINES	
排量mL Displacement	342
尺寸mm Dimension	320×415×325
整机干重kg Dry weight (kg)	13.2
最大功率kW/(r/min) Maximum power	19/(7000±150)
功重比kW/kg Power weight ratio	1.44
压缩比 Compression ratio	10.2:1
起动方式 Start mode	电起动 Electrical start
点火方式 Ignition	电感式点火 Inductive ignition
供油方式 Fuel supply mode	电喷 EFI
燃油类型 Fuel type	92号及以上汽油、燃油机油体积比为40:1预混油 Min. 92 Mogas or Fuel with a 40:1 premix volume ratio
冷却方式 Cooling mode	风冷 Air cooling
首翻期h TBO	100

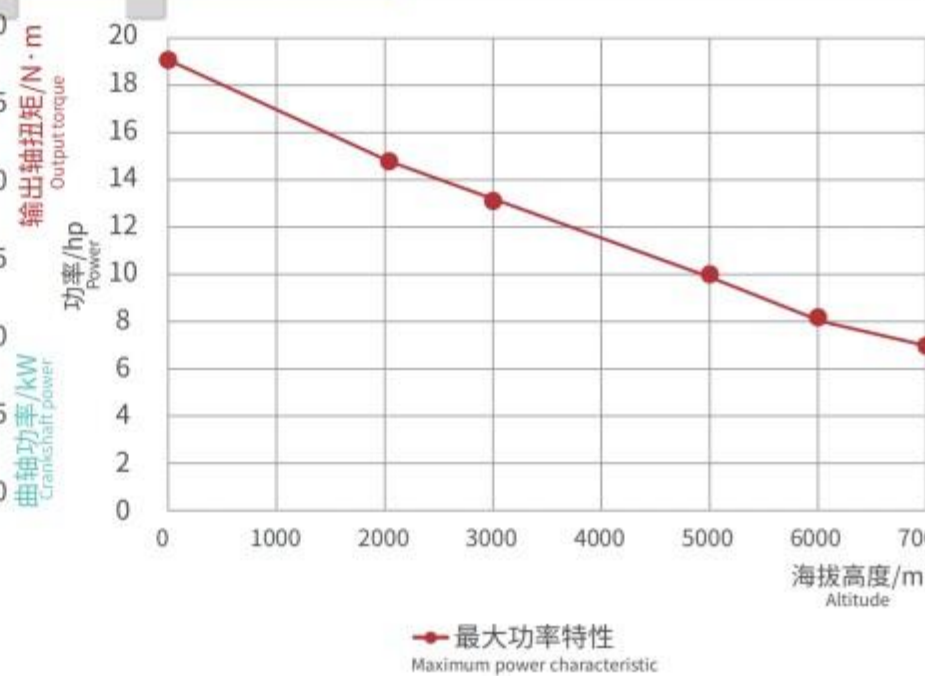
外特性曲线

External Characteristic Curve



高度特性曲线

Altitude Characteristic Curve



应用机型

Applications



无人机、动力伞、多旋翼、油电混合、消防水泵等
UAV, paramotor, multi rotor, hybrid electric power unit, fire pump, etc.