


Product specification 产品技术规格书				Version 版本	A/0
Product name 产品名称	High altitude lighting platform 高空照明平台	Product model 产品型号	X58	第一页 共一页 First page	
Specification 技术规格	Rated input voltage 额定输入电压	200~240VAC			
	Lighting power 照明功率	720W			
	Illuminating brightness 照明照度	108000Lm			
	Overall power 整机总功率	4KW			
	Generator effective power (recommended) 发电机有效功率(推荐)	4KW			
	Aircraft maximum power 飞机最大功率	3KW			
	Maximum flight altitude 最大飞行高度	30m			
	Takeoff weight 起飞重量	3.8Kg			
	Aircraft backup battery capacity 飞机备用电池容量	2000mAh			
	Aircraft back up battery life 飞机备用电池续航时间	4 minutes@ full power; 3 minutes@60% power 满电4分钟; 60%电量3分钟			
	Maximum lighting area 最大灯光照射面积	6500m²			
	Waterproof level(aircraft) 防水等级(飞机)	IPX3(Rainproof type, rainfall within 60 degrees from the vertical direction has no harmful effect) (防雨型 与垂直方向成60度范围内降雨无有害的影响)			
	Waterproof level(base station) 防水等级(机箱)	IPX3(Rainproof type, rainfall within 60 degrees from the vertical direction has no harmful effect) (防雨型 与垂直方向成60度范围内降雨无有害的影响)			
	Lightning protection grade 防雷等级	second level 二级			
	Aircraft RTK accuracy 飞机RTK控制精度	≤10CM			
	Aircraft landing accuracy 飞机降落精度	≤8CM			
	Power supply voltage in base station (DC) 机箱内电源的电压(直流)	400V			
	Motor 电机	4216KV370			
	Propeller 桨叶	1652(16"paddle blade)			
	Propeller wheelbase 螺旋桨轴距	610mm			
Remote control effective control distance 遥控器有效控制距离	1km (point-to-point, LOS condition) (点对点距离, 中间无障碍物)				
Aircraft working time 整机可连续工作时间	Not less than 8 hours 不小于8小时				
Overall dimension (mm) 整机外形尺寸 (mm)	605*577*518				
Net weight(kg) 整机重量(Kg)	26.8kg(aircraft 3.8Kg; base station22.4Kg)				
Environment requirement 支持起飞 环境要求	Wind resistance 风力等级	Level 6 (12m/s)			
	Rain resistance 雨天雨势等级	Light rain Moderate and light rain can make the ground moist but not muddy) (中小雨能使地面潮湿但不泥泞)			

Features 功能特点	Four groups of rotatable lamp (the maximum adjustable angle is 45 °) 四组可旋转照射角度灯组 (最大可调整角度45°)
	No need to disassemble the smart BMS battery 无需拆卸智能BMS电池管家
	Hand pull 180 ° rotary double doors 手拉180°旋转双开门机构
	After take-off, the operating radius can support a maximum movement of 15m 起飞后, 作业半径最大支持移动15米
	采用无人机搭载照明设备, 地面系留供电模式, 实现长时间 大范围照明。智能力矩调节, 自动收放线 The UAV is equipped with lighting equipment and ground tethered power supply mode, intelligent torque adjustment and automatic retraction and setting out, performs long-time and large-scale lighting.
	模块化设计, 简洁人机交互, 通过简单培训即可上手, 多冗余设计, 地面电源中断自动备降 Modular design, simple human-computer interaction, easy to start with simple training, multi redundancy design, automatic alternate landing when ground power supply is interrupted
	持续驻空, 亮如白昼, 灯组最大功率720W, 亮度高达108000lm, 4000W发电机, 稳定工作8小时, 有效照明面积6500平方米 The lamp group has a maximum power of 720W and a brightness of 108000lm. The 4000W generator works stably for 8 hours, and the effective lighting area is 6500 square meters.
	多重保护机制: 断电保护、失控保护、触地保护 Multiple protection mechanisms: power-off protection, out-of-control protection, ground contact protection
	One-key take-off, support setting take-off altitude. 一键起飞, 支持设定起飞高度
One touch visual precision landing 一键视觉精准降落	

用语

播报 编辑

12小时降水总量(毫米) 24小时降水总量(毫米)

降雨等级	小雨	中雨	大雨	暴雨	大暴雨	特大暴雨
半天内总量	0.1-4.9	5.0-14.9	15.0-29.9	30.0-69.9	70.0-139.9	>140
一天内总量	0.1-9.9	10.0-24.9	25.0-49.9	50.0-99.9	100.0-249.9	>250
现象描述	雨能使地面潮湿 但不泥泞	雨降到屋顶上有渐渐声 凹地积水	降雨如倾盆, 落地四 溅, 平地积水	比大雨猛, 能造成 山洪暴发	雨大, 时间长, 易 造成山洪	预防洪涝 灾害