

YLJG-Kite Line

Uav tie-up power plant



Summary

The YLJG-kite line is a uav retaining power device. The power supply sky-end module has the characteristics of small volume, small noise, long service life, fast dynamic response and high efficiency. The YLJG-kite line and the grounding device are integrated, and the product has perfect protection function. Expanding lithium batteries as a backup power supply can safely and continuously deliver power to the drone for a long time. Users can match the ground station system, cloud head camera and communication system, can be widely used in security and energy and other fields.

Sky end:

Supply Voltage	260~410V/DC	
Size	200×80×88mm	
Weight	620g	
Output voltage	50±5%V/DC	
Output power rating power	3000W	
Maximum instantaneous power	5000W	
Insulation resistance	≥10MΩ	
Insulation and pressure resistance	At 500VDC (under test condition)	
	Defensive function	2000VDC Output overvoltage

protection, Output
overcurrent protection,
output short circuit
protection,
overtemperature
protection

The ground end

Size	600×570×270mm	
Weight	25kg (retaining ground integration unit)	
Supply Voltage	100~264V/AC□50/60Hz□	
Output voltage	400VDC	
Output power rating power	3000W	
Maximum instantaneous power	5000W	
Insulation resistance	20 MΩ at 500V / DC (under test conditions)	
Insulation and pressure resistance	≥2000V/DC	
	Defensive function	Output overvoltage protection, output overcurrent protection, output short circuit protection, over temperature protection
Cable length	120m	
Cable outer diameter diameter	≤4.5mm	
Cable resistance	The 24- Ω / km loop	
Cable tensile force	22g/m	
Line cable density	≥1000N	
Working temperature	-20℃□60℃	
Storage temperature	-30℃□70℃	
Relative humidity range	95% (Non-condensing)	
Work altitude	≤5000m	
Cooling-down method	air blast cooling	

Please feel free to contact us if you are interested in this product.