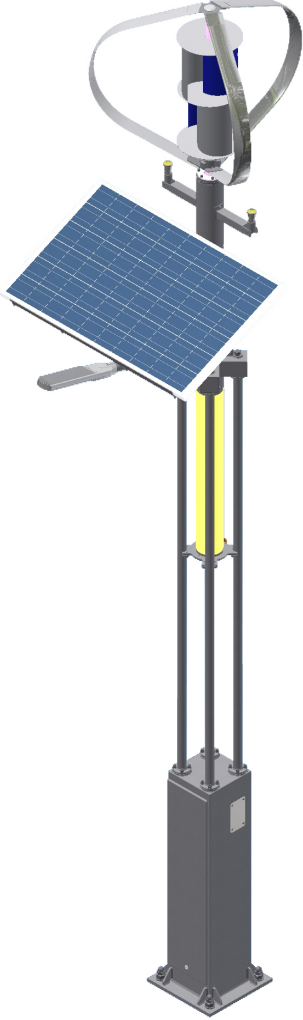



 **Hybrid Street Light**  
**SL03-13024C-00-5**

**DS300 Hybrid Street Light**

General Specifications			
<b>Wind Turbine</b>	DS300 x1	set	<b>Spot Light</b> 1Wx2 pcs
<b>PV Panel</b>	130W~150W x1	pc	<b>Street lamp</b> 24W x1 pc
<b>Charger</b>	MAX630-24Vx1	set	<b>24V Battery</b> 40Ah x1 pc
<b>Pole</b>	4.5m	set	<b>Deco light</b> Full color auto change x1 pc
<b>Wind turbine</b>		Finish good: 	
<b>Darrieus blades</b>	3		
<b>Savonius blades</b>	2 layer		
<b>Blades material</b>	Anodized Aluminum		
<b>Axis material</b>	Anodized Aluminum		
<b>Diameter</b>	1.25m x 1.06m		
<b>Weight</b>	25Kg		
<b>Generator</b>	3 phases PMG		
<b>Rated power</b>	300W		
<b>Solar panel</b>			
<b>Material</b>	Poly-Crystalline		
<b>Open circuit V</b>	32Vdc ~ 50Vdc		
<b>Max. power V</b>	29Vdc~38Vdc		
<b>Efficiency</b>	≥ 13%		
<b>Charge Controller</b>			
<b>Wind Charging</b>	MPPT		
<b>PV Charging</b>	PWM		
<b>Rated power</b>	300W(Wind)/250W(PV)		
<b>Battery Voltage</b>	24Vdc		
<b>Auto braking</b>	Over speed		
<b>Discharge ways</b>	2 ways		
<b>Startup lighting</b>	PV Voltage level detection		
<b>Lighting up duration</b>	Could be set by user		
<b>Protection</b>	OVP/OCP/OTP/OSP		

**HIVAWT Hybrid Street Light**  
**SL03-13024C-00-5**

**DS300 Hybrid Street Light**

<b>LED spot light</b>		
<b>Power</b>	1W	
<b>Work Voltage</b>	24Vdc	
<b>Street lamp</b>		
<b>Power</b>	24W	
<b>IP Level</b>	≥ IP65	
<b>Color temp.</b>	Cold White	
<b>Work voltage</b>	24Vdc	
<b>Deco Light</b>		
<b>Power</b>	12W in average	
<b>Color</b>	Full color auto change	
<b>Battery</b>		
<b>Voltage</b>	24V	
<b>Ah</b>	≥ 40Ah	
<b>Type</b>	deep-cycling	
<b>Pole</b>		
<b>Material</b>	SS400	
<b>Surface</b>	Galvanized steel SS400	
<b>Hight</b>	4.5m	
<b>Door lock</b>	Flat Key lock	