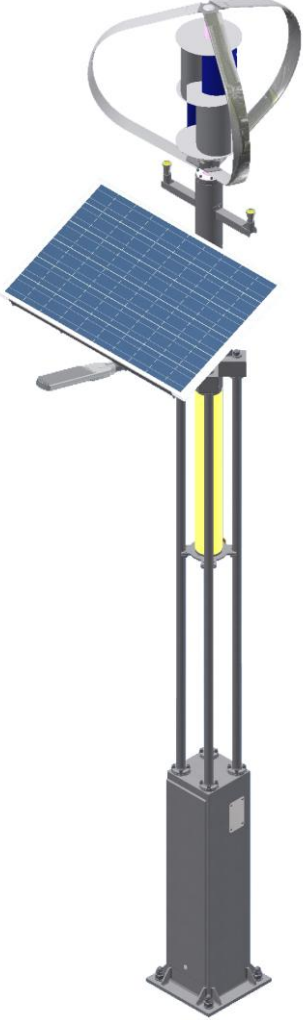



**HIVAWT Hybrid Street Light**  
**SL03-13024C-00-5**

**DS300 Hybrid street light**

General Specification					
<b>Wind Turbine</b>	DS300 x1	set	<b>Spot Light</b>	1Wx2	pcs
<b>PV Panel</b>	130W~150W x1	pcs	<b>Street lamp</b>	24W x1	pcs
<b>Charger</b>	WS320-24Vx1	set	<b>12V Battery</b>	45Ah~55Ah x4	pcs
<b>Pole</b>	4.5m	set	<b>Deco light</b>	Full color auto change	x1 pcs
<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>Dimension</b>	1489x666x50				
<b>Weight</b>	15kg				
<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/temperature				
<b>Discharge ways</b>	2 ways				
<b>Startup lighting</b>	PV Voltage level detection				

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

**DS300 Hybrid street light**

<b>Lighting up duration</b>	Could be set by user	Photo:
<b>Protection</b>	OVP/OCP/OTP/OSP	
<b>Certification</b>	ce	
<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>	12V	
<b>Ah</b>	≥ 45Ah	
<b>Type</b>	deep-cycling	
<b>warranty</b>	1 year	
<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	