




HIVAWT Hybrid Street Light
SL03-2P13024D-00-2

DS300 Hybrid street light

General Specification					
Wind Turbine	DS300 x1	set	Spot Light	1Wx2	pcs
PV Panel	130W~150W x2	pcs	Street lamp	≤ 60W x1	pcs
Charger	WS320-24Vx1	set	12V Battery	100Ah~125Ah x2	pcs
Pole	9m	set	Control Cabinet	Outdoor type x1	pcs
Wind turbine		Finish good: 			
Darrieus blades	3				
Savonius blades	2 layer				
Blades material	Anodized Aluminum				
Axis material	Anodized Aluminum				
Diameter	1.25m x 1.06m				
Weight	25Kg				
Generator	3 phases PMG				
Rated power	300W				
Solar panel					
Material	Poly-Crystalline				
Open circuit V	32Vdc ~ 50Vdc				
Max. power V	29Vdc~38Vdc				
Efficiency	≥ 13%				
Charge Controller					
Wind Charging	MPPT				
PV Charging	PWM				
Rated power	300W(Wind)/250W(PV)				
Battery Voltage	24Vdc				
Auto braking	Over speed/temperature				

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Discharge ways	2 ways	Photo:
Startup lighting	PV Voltage level detection	
Lighting up duration	Could be set by user	
Protection	OVP/OCP/OTP/OSP	
Certification	ce	
LED spot light		
Power	1W	
Work Voltage	24Vdc	
Street lamp		
Power	60W max.	
IP Level	≥ IP65	
Color temp.	Cold White	
Work temp.	24Vdc	
Battery		
Voltage	12V	
Ah	≥ 100Ah	
Type	deep-cycling	
Pole		
Material	SS400	
Surface	Galvanized steel SS400	
Hight	9m	
Control Cabinet		
Material	SS400	
Door lock	Flat Key lock	