

Hybrid Street Light
SL03-13024C-00-5

DS300 Hybrid Street Light

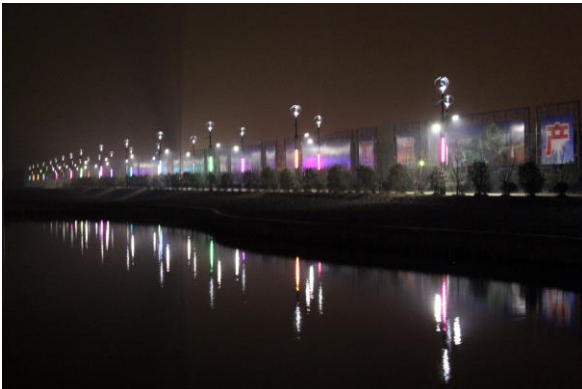
General Specifications					
Wind Turbine	DS300 x1	set	Spot Light	1Wx2	pcs
PV Panel	130W~150W x1	pc	Street lamp	24W x1	pc
Charger	MAX630-24Vx1	set	24V Battery	40Ah x1	pc
Pole	4.5m	set	Deco light	Full color auto change x1	pc
Wind turbine			Finish good: 		
Darrieus blades	3				
Savonius blades	2 layer				
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				
Discharge ways	2 ways				
Startup lighting	PV Voltage level detection				
Lighting up duration	Could be set by user				
Protection	OVP/OCP/OTP/OSP				

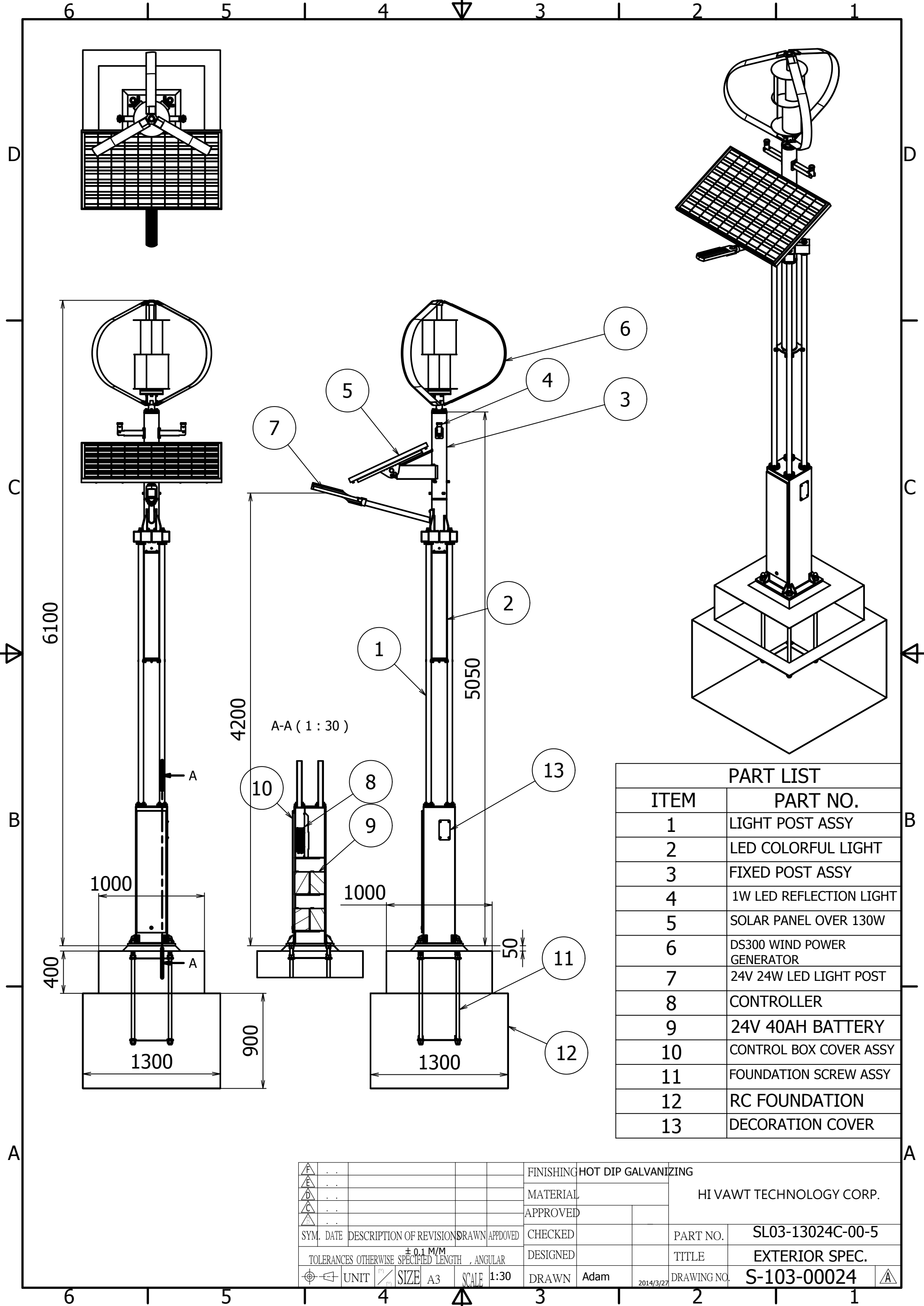
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LED spot light	
Power	1W
Work Voltage	24Vdc
Street lamp	
Power	24W
IP Level	≥ IP65
Color temp.	Cold White
Work voltage	24Vdc
Deco Light	
Power	12W in average
Color	Full color auto change
Battery	
Voltage	24V
Ah	≥ 40Ah
Type	deep-cycling
Pole	
Material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







PART LIST	
ITEM	PART NO.
1	LIGHT POST ASSY
2	LED COLORFUL LIGHT
3	FIXED POST ASSY
4	1W LED REFLECTION LIGHT
5	SOLAR PANEL OVER 130W
6	DS300 WIND POWER GENERATOR
7	24V 24W LED LIGHT POST
8	CONTROLLER
9	24V 40AH BATTERY
10	CONTROL BOX COVER ASSY
11	FOUNDATION SCREW ASSY
12	RC FOUNDATION
13	DECORATION COVER

△	...				FINISHING	HOT DIP GALVANIZING	HI VAWT TECHNOLOGY CORP.		
△	...				MATERIAL				
△	...				APPROVED				
△	...				CHECKED				
SYM.	DATE	DESCRIPTION OF REVISION	DRAWN	APPROVED	DESIGNED		PART NO.	SL03-13024C-00-5	
TOLERANCES OTHERWISE SPECIFIED LENGTH , ANGULAR							TITLE	EXTERIOR SPEC.	
⊕	UNIT	SIZE	A3	SCALE	1:30	DRAWN	Adam	DRAWING NO.	S-103-00024
							2014/3/27		△