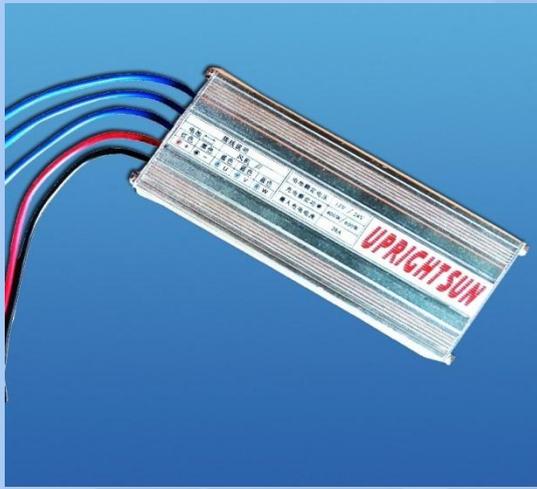


Wind and Solar controller



WWC4001224 (ordering code)

The wind controller fan input 400W, 12V/24V automatic identification, LED display controller state, overcharge protection, wind protection function, ABS brake mode.

Size 185x80x35

Weight 0.8KG

WWSC1224 (ordering code)



Caribbean Power SVG LTD

Representative Office

3 Quality Power

Isla Colon Bocas del Toro Panama

(+507) 68831743 VHF (68) [www. 3qualitypower.wordpress.com](http://www.3qualitypower.wordpress.com) 3qualitypower@gmail.com



Intelligent Wind/Solar Hybrid Controller

Functions and features of the Product

- Welcome to use the most **intelligent Wind/Solar Hybrid** (Street Lamp or monitoring apparatus)
- Controller, which adopts the latest intelligent chips and semi-conductor technology. A new generation of wind and solar energy control system. the Product boasts the following features:
- Adoption of the most advanced MPPT power tracking technology to ensure optimum utilization of wind and solar energy.
- Separate output from 2 loads.
- Control through intelligent software to ensure precision.
- Overload protection.
- Load short circuit protection.
- Floating charge function.
- Intelligent filtering of the disturbance from short time illumination.
- Intelligent wind turbine shut-down system.
- Automatic identification functions of temperature sensor.
- Automatic calculation of power output.
- Two lamp-lighting control modes: optical control and time control.
- Under the time control mode, adaption to the change of daytime and darkness; the lamp can be automatically turned on for specified time.
- Under the optical control mode, the lamp-lighting is adjusted according to intensity of illumination.
- Dawn lighting function (setting by producer needed)
- Output of power regulation signals of street lamps.
- Setting of all operational parameters possible.
- High load output power.
- Control ability of high current wind energy charging.

Caribbean Power SVG LTD

Representative Office

3 Quality Power

Isla Colon Bocas del Toro Panama

(+507) 68831743 VHF (68) www.3qualitypower.wordpress.com 3qualitypower@gmail.com



Specifications WWSC1224

Environment and safety

Size(L×W×H)	176mm×135mm×56mm
Weight (kg)	1.4
Working temperature	- 40°C~ + 45°C
Transportation/storage temperature	- 40°C~ + 55°C
Working humidity	0 ~ 95% R.H. (not gel)
Working height	The highest altitude of 3000 m
Protection class	IP22

12V Electrical parameters of the control

Type	SN-WSC04-12B
Battery rated voltage	12V
The wind generator rated power	400W
Input current range	0-30A
The wind generator Max input power	440W
Intelligent stop system start voltage	≥14.8V
Max current of solar charge	10A
Battery over discharge protection voltage	10.5V
Battery over discharge recovery voltage	12.3V
Output rated power	Single road 120 W (resistance sex load)
No1outputrated current	10A
No2outputrated current	10A

Caribbean Power SVG LTD

Representative Office

3 Quality Power

Isla Colon Bocas del Toro Panama

(+507) 68831743 VHF (68) www.3qualitypower.wordpress.com 3qualitypower@gmail.com



24 V Electrical parameters of the control

Type	SN-WSC06-24B
Battery rated voltage	24V
The wind generator rated power	600W
Input current range	0-30A
Max input power of the wind generator	660W
Intelligent stop system start voltage	≥29.6V
Solar charging max current	10A
Battery over discharge protection voltage	21V
Battery over discharge recovery voltage	24.6V
Output rated power	Single road 200 W (resistance sex load)
No1 output rated current	10A
No2 output rated current	10A
In order to better serve our customers, our company can adjust and configuration parameters according to customer requirements.	

Caribbean Power SVG LTD

Representative Office

3 Quality Power

Isla Colon Bocas del Toro Panama

(+507) 68831743 VHF (68) www.3qualitypower.wordpress.com 3qualitypower@gmail.com

