

SOLAR WING 300

Portable Solar Power Station

- ▶ **Dual-Solar-Panel System That Produces 300-Watt Total Power Output and Multi-Directional Adjustment**
- ▶ **Maintenance FREE, Industrial-Grade Battery Unit For Durability, Reliability and Performance. To Maximize Solar Performance.**
- ▶ **Fully Assembled, Worldwide Compatible Power-Ready Designed For Deployment Anytime, Anywhere Around The Globe.**
- ▶ **Off-Grid Portable or Permanent Power Station For Household, Commercial and Industrial Applications.**
- ▶ **Upgradeable To Accommodate Extra Capacity and Extended Duties.**



4-corner heavy-Duty retractable stabilizing posts and 360° horizontal swirling wheels.



Ip65 waterproof power terminal control box featuring LED display power status display and fuse-protected discrete power rail distribution control system.



Dual universal (110V ~ 220V) AC outlet and 12V DC terminal.



Heavy steel Armor with Integrated folding handle bar, corrosion resistant powder-coated paint in military green.

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Specifications

Solar Panel	150W X 2 PCS
Charge Controller	12V 20A
Battery Bank	12V/75AH Deep cycling/ Maintenance-free
	Standard: 1 PCS Battery
	Space for Max : 2 PCS Batteries
Data Display	LED
Inverter	400W(DC12V to AC110V/220V)
AC Output	220V/110V(50Hz/60Hz)
DC Output	12V
Max Peak Power	1200~1800Whr/4~6 Sun hours one day
Output	AC Socket(Max220V/1.7A)
	DC output terminal(MAX12V/10A)
Dimension	L1070 X W520 X H1170 (mm)
Weight	125 KG

Electric Devices of Reference

Type	Power consumption/ Hours of use
LED Lighting	50-Watt 15 Hours
DC Water pump	120-Watt 6 Hours
Notebooks	90-Watt 8 Hours
Radio	10-Watt 72 Hours
TV	140-Watt 5 Hours
Fan	70-Watt 10 Hours

Type of Module 150W

Maximum Power[W]	150
Tolerance[%]	±3%
Open circuit Voltage[V]	22.5
Short circuit Current[A]	8.63
Maximum Power Voltage[V]	18.36
Maximum Power Current[A]	8.19
Module Efficiency[%]	14.62
Solar Cell Efficiency[%]	18.00
Series Fuse Rating[A]	15
Terminal Box	IP65
Maximum System Voltage[V]	DC1000
Operating Temperature[C]	-40 to 85

Electric Performance Typical Performance Characteristics

Short Circuit Current Temperature Coefficient	0.032%/°C
Open Circuit Voltage Temperature Coefficient	-0.35%/°C
Maximum Power Temperature Coefficient	-0.40%/°C