

ECOSOL® COMPONENTS

ECOSOL® PANEL

A 10W solar panel (dimensions 14"H x 11.4"W x 1.2"D) provided with brackets for mounting onto a wall (included) or post (optional). Additional solar panel can be added for improved charging capabilities.

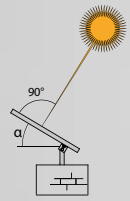
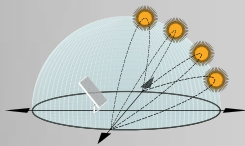


Wall bracket included



Optional post bracket

$\alpha > 10^\circ$
 α = angle/latitude



Cities	α
Seattle (WA)	43°
New York (NY)	50°
San Francisco (CA)	53°
Atlanta (GA)	56°
Los Angeles (CA)	57°
Phoenix (AZ)	57°
Dallas (TX)	59°
Houston (TX)	61°
Miami FL)	65°
San Juan (PR)	72°

ECOSOL® BOX

24V interface box with 2-7.2 Amp/H batteries and a radio receiver included for all BFT 24V operators. Handle allows to remove the box and charge with an optional charger. Additional ECOSOL DOUBLE box can be added to increase the number of cycles.



ECOSOL® LIBRA UL/CSA ENCLOSURE

24V Libra UL/CSA board with Ecosol interface and 2-8 Amp/H batteries and radio receiver inside a pre-wired 14" x 16" box. For use with Phobos BT and Igea BT operators.

TECHNICAL FEATURES

	ECOSOL® BOX	ECOSOL® LIBRA UL/CSA ENCLOSURE
Voltage	24 Volts	
Peak current	10 Amperes	
Nom. Battery capacity	7.2 Amp/Hour	8 Amp/Hour
Degree of protection	IP55	IP66
Operating temperature	-4 ° F + 122 ° F	
Battery	2 x 12V 7.2 Amp/Hour batteries	2 x 12V 8 Amp/Hour batteries
Weight	13.2 Lbs	23 Lbs
Dimensions	12.5"H x 8.6"W x 4.7"D	15.5"H x 13.25"W x 7"D
Panel maximum power	35 Watts	
Standby mode	0.15 Watts	
Number of combinations	4 billion	
Number of transmitters	63	
Boards	Ecosol	Ecosol + Libra UL/CSA
Application	All BFT 24V operators	Phobos BT, Igea BT

ECOSOL® PANEL

Voltage	24 Volts	
Power	10 Watts	
Operating temperature	-4 ° F + 122 ° F	
Dimensions	14" H x 11.4" W x 1.2" D	
Weight	4.4 Lbs	

The ECOSOL system is certified:

CE, UNI EN ISO 14001 and UNI EN ISO 9001-2000.
The Libra UL/CSA control board is UL325 compliant



Solar Gate Automation Solutions

ECOSOL®



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With the full line of ECOSOL products, BFT lets you create a solar-powered system for low-voltage (24V) installations. Particularly suitable for doors and gates without access to or far from a power grid, the 24V ECOSOL system can be installed with all new and existing BFT 24V systems. The example shown is with a double PHOBOS BT and ECOSOL LIBRA UL/CSA ENCLOSURE.

- 1. ECOSOL PANEL
- 2. ECOSOL LIBRA UL/CSA ENCLOSURE
- 3. PHOBOS BT OPERATOR
- 4. PHOBOS BT OPERATOR