

# Heliomotion PV-3



## Key specifications

Model:	PV-3
Collector type:	Photovoltaic solar panel
Tracker type:	Dual-axis
Manufacturer:	Bee Solar Tech

## Performance

Rated power:	1140 watt
Daily energy yield:	8-13 kWh
Annual energy yield:	1350-2400 kWh

## Dimensions

Height:	3.5 m
Panel length:	3.1 m
Panel width:	1.7 m
Panel area:	5.4 m <sup>2</sup>
Weight:	130 kg

## Overview

Heliomotion PV-3 is a high efficiency, dual-axis tracking photovoltaic solar panel for home use. By following the sun, and using high efficiency solar panels, PV-3 delivers up to 50% more energy than a conventional, stationary solar panel with the same dimensions.

## Panel features

- Tracker holds three 380 watt high performance solar panels.
- Generates 8-13 kWh electricity per sunny summer day, up to 1700 kWh per year in northern Europe or up to 2400 kWh per year in southern Europe.
- With an electricity cost of 0.45 €/kWh the power produced corresponds to 600-1080€ in annual savings.

## Tracker features

- Automatically determines sun's location from anywhere in the world using GPS and internal calculations.
- Innovative two axis design using only one actuator.
- High precision tracking to maximize energy production.
- Rotates 180° horizontally and 20° to 70° vertically.
- Reliable, low energy consumption and silent operation.
- Simple and cost efficient installation.

