

## The autonomous and mobile solar energy solution.

Combination of Solar Wings and Solar Hybrid Box  
Plug and Play  
Compact and easy to disassemble for transportation into remote or hard-to-reach areas  
Quick set up (15 minutes)  
Integrable on 10 Ft container or light truck

### Solar Wing Technical Specifications

#### System Modularity

Wing of 4 panels	1.7 kWp
Ground space per wing	1 m x 8 m = 8m <sup>2</sup>
Height (m)	1 (max.)

#### Features and Mobility

Module PV technology	Monocrystalline
Module quantity	12 to 16
Module power	425Wp
Total power	6.8 kWp in 4 wings 5.1 kWp in 3 wings

#### Battery System

Technology	Lithium Iron Phosphate (LiFePO4)
Voltage	48V

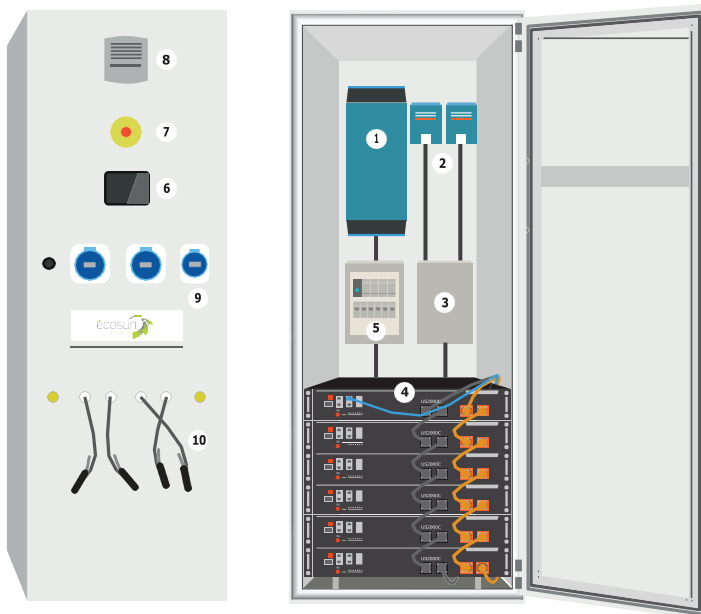




**5KVA Hybrid Box + Up to 3 Wings**



**10KVA Hybrid Box + Up to 9 Wings**



- 1 Photovoltaic inverter: conversion of DC current to AC current
- 2 MPPT Regulator
- 3 DC protection box
- 4 Batteries
- 5 AC protection box
- 6 Monitoring screen
- 7 Emergency stop
- 8 Ventilation
- 9 Plugs
- 10 Solar connectors

Solar Dimensions	5KVA	10KVA
Length (m)	0.8	0.9
Width (m)	0.6	1.8
Height (m)	2	2.2

Features and mobility	5KVA	10KVA
Format	Electrical box in galvanized steel	Electrical box in galvanized steel
Technical Room	Ventilated	Air-conditioned
System Weight	400 kg	750 kg
Battery Inverter Power	5 kVA	10 kVA
PV Inverter Power	5 kVA	10 kVA
Battery Capacity	Up to 14.4 kWh	Up to 38.4 kWh

## Wing-Watt® + Hybrid Box® Advantages

### Applications

Humanitarian, eco-tourism, mobile work sites, military, telecom, agriculture, rural electrification, energy supply, mines, events, gas station and insular areas, and crisis situations.