

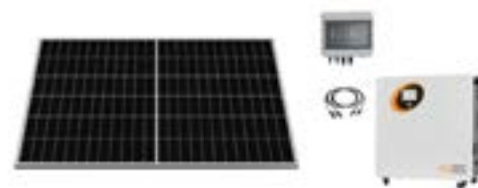
450 Wp Solar Bundle - EASY 1.1

Smart energy one-stop solution

This 450 Wp off-grid solar power system with battery is a sustainable, smart energy storage solution for improving household energy efficiency.

By integrating advanced storage features, the system enables homeowners to optimize their energy consumption, reduce dependence on the grid, and minimize energy costs. Our complete solution includes all necessary components such as an inverter, 1 kW battery, 1 solar module with 450 Wp, a combiner box, and all required solar cables for the bundle.

Solar power systems with batteries offer households a reliable and environmentally friendly way to manage energy. For example, they weigh only 20 kg with a storage capacity of 1024 Wh.



Technical description:

Battery rated voltage:	25,6VDC
Battery capacity:	1024 Wh
MPPT volatage range:	30-100 VDC
PV input voltage:	30-108 VDC
Max PV input power:	1600 W
Charge current range:	0-60A
Rated output power:	1000W
Max AC input power:	5000W
AC input voltage:	170-280VAC
Output voltage:	230VAC
Output frequency	50/60Hz auto
Cell technology:	Lifepo4 Lithium iron phosphate
Cycle life:	≈ 6000 Cycles @ 80%
Charging temperature range:	-20°C~55°C
Discharge temperature range:	-20°C~60°C
Operating /Storage/humidity:	≤90%RH
Scalability:	Max 3 Solar panels 450Wp
Solar panel typ:	Monocrystalline silicon, max. 450 Wp
Color:	Powerstation - white Panel frame in natural aluminum
Main dimensions powerbox:	H 520 x W 450mm x D 162 mm
Main dimensions solar panel:	H 1762 x W 1134 x D30 mm
Weight powerbox:	20 kg
Weight each solar panel:	24,6 kg/per pcs.
Installation powerbox:	Floor standing
Installation solar panels:	on our fastening systems for walls, roofs or floors
Mounting systems + fastening:	will be charged separately.
Wiring:	all solar cables included
IP Rating	IP21

Mounting: will be charged separately

Due to the complexity of the numerous possible combinations of inverters, batteries, and solar panels, the specified technical parameters, including the performance parameters, are typical values. The actual values of specific products in specific configurations may differ from these typical values. The information and diagrams contained in this document do not constitute an offer or a contractual obligation. Product parameters are subject to change due to technical innovations and are subject to change without prior notice. We manufacture in accordance with DIN, EN, VDE, and CE regulations.