1,8 kWp Solar Bundle - EASY 1.4

Smart energy one-stop solution

This 1,8 kWp 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, 2 kW battery, 4 solar modules 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 27 kg with a storage capacity of 2048 Wh.

Technical description:

Battery rated voltage:	25,6VDC
Battery capacity:	2048 Wh
MPPT voltage range:	30-100 VDC
PV input voltage:	30-108 VCDC
Max PV input power:	1600 W
Charge current range:	0-60A
Rated output power:	2000W
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%
Work environment temperature:	-20°C~50°C
Storage environment temperature:	-20°C~60°C
Operating /Storage/humidity:	≤90%RH
Scalability:	Max 4 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:	27 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

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