

## Supply and Installation of Ground Industrial PV Kit 500kW with BESS, System Type: Hybrid, Electrical Connection Type: ThreePhase, Battery Storage System: 250 kWh



### Description

PV System Kit is a complex and environmental-friendly solution designed to harness the power of the sun and convert it into clean, renewable energy for your home or business. This kit is an all-inclusive package that includes everything you need to set up a functional solar power system, making the transition to sustainable energy simple and efficient. We offer a high quality PV System Kit, backed by powerful well-known brands, with international presence and recognition.

#### What's Included:

- High-efficiency monocrystalline solar panels
- Solar inverter with MPPT technology
- Metallic Structure, mounting rails and hardware
- DC and AC wiring
- Installation
- Battery Storage
- Monitoring app access
- Installation guide and user manual

Ideal for homeowners, small businesses, and eco-conscious individuals looking to transition to renewable energy. Whether you're looking to reduce your energy bills, increase your property value, or make a positive environmental impact, this kit provides an accessible way to achieve your goals.

Installation is considered for Romania only. For other countries, additional fees must be considered from case to case. The above design is only a sample of the options available, for reference purposes only. The product is constructed under metrical system values and imperial system numbers are calculated by conversion and approximated. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.

### Technical Characteristics

Installed Power	500 kW
PV System Type	Hybrid
Electrical Connection Type	ThreePhase
Location	Ground
Battery Storage System	250 kWh
Supply and Installation	Supply and Installation
Execution Warranty	According to contract
Insurance for Execution	According to contract
Products Warranty	back-to-back on manufacturer warranty
Solar Panels Brands	Trina, Jinko, JA Solar, AstroEnergy, Longi, Canadian Solar, Sunpro, AE Solar
Inverter Brands	Huawei, Sungrow, Chint, Growatt
Metallic Structure Material	Steel
Cable Conductor Material	Copper and/or Aluminium
Cable Brands	Powervine, Prysmian
Battery Storage System Included	YES
Battery Brands	Grand Voltage, Huawei, Chint
Max. Permissible Installation Temperature	-20 >< +50 °C
Operating Temperature	-40 >< +85 °C
Test Voltage AC/DC	1000/1800 V
Packing	Pallet, Wooden Drum, Plywood Drum, Coil, Rolls, Box
Delivered Cable Lengths	Will be established by order confirmation
Installed Power Tolerance	±5%

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