

## Supply of Rooftop Industrial PV Kit 100kW with BESS, System Type: Hybrid, Electrical Connection Type: ThreePhase, Battery Storage System: 40 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                           | 100 kW   |
| PV System Type                            | Hybrid   |
| Electrical Connection Type                | ThreePhase   |
| Location                                  | Rooftop  |
| Battery Storage System                    | 40 kWh   |
| Supply and Installation                   | Supply   |
| 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               | Aluminium, 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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