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NOBILITY s.r.o.



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PV & BESS

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NOBILITY COMPANY

We are a Czech company specializing in the design, construction, and servicing of photovoltaic power plants (PV) and battery energy storage systems (BESS).

For more than 18 years, we have been delivering PV installations ranging from residential and commercial buildings to large-scale industrial projects, with a total installed capacity exceeding 100 MWp.

Following the approval of BESS legislation, we expanded our energy solutions portfolio to include products from renowned battery system manufacturers.

We offer comprehensive BESS solutions for industrial applications, trading flexibility, and ancillary services (AS), with capacities starting from 215 kWh up to projects reaching hundreds of MWh.



PV & BESS **2**

HISTORY AND STABILITY

NOBILITY s.r.o. was founded in 2016.

Since 2008, we had operated under the name Nobility Solar Projects a.s., with a clear focus on energy and renewable resources.

- ✓ **We have built a strong network of partner companies, suppliers, and technical specialists.**
- ✓ **We are recognized by banking institutions as a reliable general contractor.**
- ✓ **We have an experienced team with hands-on expertise in the implementation and servicing of PV plants and BESS.**

Our stability is built on solid foundations:

- ✓ **long-term cooperation with partners on hundreds of PV projects,**
- ✓ **service contracts for installations dating back to 2008,**
- ✓ **wholesale distribution of PV components and accessories.**

Thanks to our history, experience, and strong operational background, we are a reliable long-term partner for both investors and customers.

PV & BESS **3**

OUR STRENGTHS

- **We design, implement, and service PV and battery energy projects focused on energy storage, grid stabilization, and operational optimization at LV and HV levels, delivering stable and long-term revenue.**
- **We provide turnkey solutions,** guiding investors from the initial concept through technical design, permitting, implementation, and all the way to operation, service, and maintenance.
- **We place strong emphasis on high-quality workmanship, cutting-edge technologies, and a professional approach** in every project we deliver.
- **Our priority is a satisfied customer** whose expectations are exceeded.

18 years
of experience

100+
MWp of installed capacity

1 000+
constructed power plants

80+
MWp of serviced PV installations

PROJECT DESIGN AND IMPLEMENTATION

Every project follows a comprehensive process from design to operation:

- consumption analysis and optimal system sizing,
- pricing proposal, preparation of project documentation, and permitting,
- delivery of technologies and professional installation,
- inspections, grid connection, and commissioning in accordance with applicable legislation,
- performance monitoring and optimization,
- service support, regular maintenance, and technical assistance.

We take care for the entire project lifecycle.



PV & BESS **5**

ENERGY SOLUTIONS

5.0 Who Our Solutions Are Intended For

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5.0 Who Our Solutions Are Intended For

Residential Homes:

- electricity generation for self-consumption
- battery storage for surplus energy
- option to charge electric vehicles
- subsidies from the NZÚ program, fast return on investment

Companies, Industry, and Public Sector:

- large-scale rooftop, ground-mounted, and carport installations
- community energy solutions
- cost savings and energy price stabilization
- possibility to use BESS for power management and export control
- subsidies under the RES+ program

Investors and Developers:

- projects with fast payback and guaranteed service
- high returns thanks to long-term production stability

Stability, Efficiency, Flexibility



5.1 PV Solutions

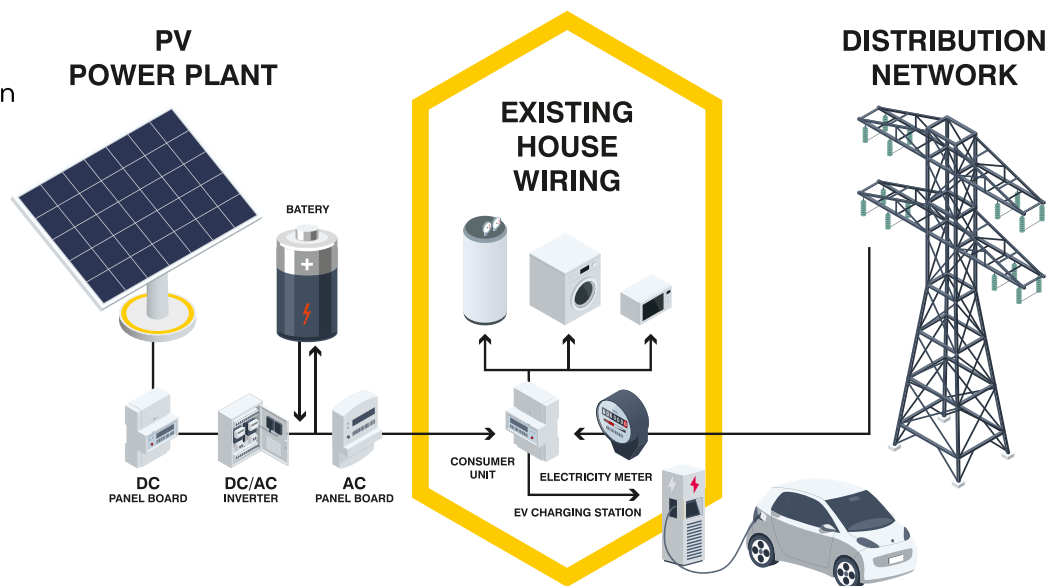
- Residential Houses
- Apartment Buildings
- Flexi Panels
- Rooftop PV Installations up to 100 kWp
- Rooftop PV Installations above 100 kWp
- Ground-Mounted PV Installations

Residential Homes:

- system sizing based on household consumption
- installation of panels, inverters, batteries, and protective components
- connection to the distribution grid
- handling of subsidies under the **New Green Savings program**
- production monitoring via mobile/PC
- production and consumption control using our own Nobility OPTIMA software
- option to expand capacity and integrate with an EV wallbox

PV & BESS Benefits:

- ✓ reduced electricity costs
- ✓ energy self-sufficiency – operation during power outages
- ✓ long-term reliability of the technology



Example of a Hybrid Photovoltaic Power Plant

5.2 BESS Solutions

Advanced Energy Infrastructure for Industry and Large-Scale Operations

Battery Energy Storage Systems (BESS) enable efficient energy management, enhance operational stability, and deliver significant economic benefits. They allow the storage of surplus renewable energy, consumption optimization, infrastructure protection, and create new revenue opportunities through ancillary services and trading flexibility. Today, BESS is a key element of modern energy systems for companies, industry, and investors.

Main Benefits of BESS:

- ✓ **Reduced costs** through energy storage and peak-shaving
- ✓ **Stabilized operation** and reduced feed-in to the distribution grid
- ✓ **Revenue** from providing Ancillary Services (AS) and trading flexibility
- ✓ **Energy self-sufficiency** and ensured operation during grid outages



5.3 Service and Monitoring of PV and BESS

Comprehensive Care for Your Energy System:

- regular technical inspections and maintenance
- fault diagnostics with the option of remote intervention
- servicing of both our own and partner installations
- performance optimization based on operating conditions
- continuous monitoring of system production and performance



MONITORING	24/7 supervision of the power plant with a response time of under 1 hour. You gain access to real-time data, clear statistics, and thermal measurements for maximum yield.
REPAIRS AND REPLACEMENT	Unique swap system: technicians arrive, the inverter keeps running, and there are no losses. Specialized in SolarMax and other brands, supported by our own spare-parts warehouse.
PREVENTIVE MAINTENANCE	Regular inspections of HV/LV components, cooling system testing, and maintenance of the substation and PV modules. We stay one step ahead of any failure.
SITE MANAGEMENT AND SECURITY	Site protection in cooperation with a central security service, grounds maintenance (mowing, snow removal), operator training, and upkeep of mechanical barriers.
ADMINISTRATION AND SUPPORT	We handle invoicing, service documentation, reporting, and communication with distributors and manufacturers. Minimal effort required from the client.

**Long-term service significantly increases
the profitability of the entire investment!**

5.4 Wholesale Sales and Distribution

We are a direct distributor of selected global brands supplying components for energy solutions, including photovoltaic systems. **Our partner brands are industry leaders, ensuring high quality, reliability, and technological innovation.** We ensure in-house warehousing and logistics within the Czech Republic. We use technologies accepted by banks and insurance companies that meet the highest standards of quality and safety.

Inverters and BESS:

- SOFAR Solar
- FOXESS

Solar Panels:

- high-efficiency monocrystalline modules
- high-efficiency AESOLAR monocrystalline modules with long technical and product warranties of up to 30 years
- lightweight SUNMAN composite panels weighing 5 kg/m² for installations with reduced structural load capacity

Benefits of Our Solutions:

- ✓ safety, stability, and high efficiency
- ✓ possibility of future system expansion
- ✓ remote monitoring and diagnostics

Service and Maintenance:

- regular inspections and performance optimization
- fast response to technical requirements
- long-term technical support

We operate our own warehouse within the Czech Republic.

The logo for SOFAR, featuring the word "SOFAR" in a blue, sans-serif font.The logo for OPTIMA Nobility, featuring the word "OPTIMA" in white on a black rounded rectangle, with "Nobility ⚡" below it.The logo for FOXESS, featuring the word "FOX" in blue and "ESS" in a smaller font, with a colorful circular graphic to the right.The logo for AESOLAR, featuring a stylized red sun icon to the left of the word "AESOLAR" in red.The logo for isoteco, featuring the word "isoteco" in blue and "SOLAR MOUNTING SYSTEMS" in a smaller font below it.The logo for SUNMAN, featuring the word "SUNMAN" in red and "Lightweight Solar Pioneer" in a smaller font below it.

KEY ADVANTAGES

- ✓ General contractor verified by banking institutions
- ✓ Comprehensive solutions and tailor-made project design
- ✓ Long-lasting and highly reliable technologies
- ✓ Fair and transparent project management
- ✓ Experienced technical team with many years of practice
- ✓ Individual approach to each customer



PV & BESS

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REFERENCES

Membership



Key Customers



Wholesale Partners





🌐 **www.nobility.cz**

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Version: January 2026

