

SOLVANTA

PRODUCT CATALOGUE 2026

Integrated Solar & Energy Storage for Global Projects

Six product families, matched to work together. Kits, panels, inverters, batteries, controllers and mounting — packed as one pallet and shipped to 34 countries.

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PRODUCTS / 01

Complete Solar Kits

Plug-and-play systems that arrive on one pallet: panels, hybrid inverter, battery, mounting and cabling — matched, tested and labelled by installation step.

Specifications

System size 1 – 20 kWp

Battery 2.4 – 15 kWh LiFePO4

Hybrid or off-grid inverter 1 – 8 kW

Roof / ground / RV mounting

25 yr panel · 10 yr inverter · 10 yr battery



In the range

- Off-grid kits
- Hybrid grid-tie kits
- RV & marine kits
- Portable kits
- Emergency back-up kits

PRODUCTS / 02

Solar Panels

Monocrystalline, bifacial and flexible modules from 100 W to 620 W, flash-tested and sorted by current before they ship.

Specifications

Power 100 – 620 W

Mono PERC / TOPCon cells

Efficiency 21.0 – 23.2%

3.2 mm AR tempered glass

IEC 61215 · IEC 61730 · CE



In the range

- Monocrystalline
- Bifacial glass-glass
- Flexible panels
- Portable foldable
- High-power commercial

PRODUCTS / 03

Solar Inverters

Off-grid, hybrid, on-grid and micro inverters, selected so the DC side and the battery talk the same protocol out of the box.

Specifications

Rated 1 – 350 kW

Off-grid · hybrid · on-grid · micro

1 – 12 MPPT trackers

Peak efficiency up to 99%

CE · IEC 62109 · VDE-AR-N 4105



In the range

- Off-grid inverters
- Hybrid inverters
- On-grid tie inverters
- Micro inverters
- Pure sine wave

PRODUCTS / 04

Batteries & Storage

LiFePO₄ storage in wall-mount, rack-mount and portable formats, with integrated BMS and CAN/RS485 communication.

Specifications

LiFePO₄ (LFP) chemistry

2.4 – 5.0 kWh per module

6,000 cycles at 90% DoD

Integrated BMS, CAN / RS485

CE · IEC 62619 · UN38.3



In the range

- LiFePO₄ wall mount
- Rack mount LiFePO₄
- Portable power station
- Lead acid
- Parallel expansion kits

PRODUCTS / 05

Controllers

MPPT and PWM charge controllers with app monitoring, sized to the array so nothing clips on a clear day.

Specifications

MPPT / PWM

10 – 100 A

12 / 24 / 48 V auto-detect

Max PV input up to 150 V

WiFi / Bluetooth monitoring



In the range

- MPPT charge controllers
- PWM charge controllers
- Monitoring modules
- Temperature sensors

PRODUCTS / 06

Mounting & Accessories

Hot-dip galvanised rails, brackets and clamps for tile, metal and membrane roofs — plus the cable and protection gear that finishes the job.

Specifications

Hot-dip galvanised steel / anodised aluminium

Design wind load up to 160 km/h

Tilt 0 – 60°

4 / 6 mm² cable, MC4

25 years on structure



In the range

- Roof mount brackets
- Ground mount racking
- Cable & MC4
- Fuses, busbars & breakers
- Tools & install kits