

**NEW
GENERATION**

With Smart Communication Board

incl. WLAN ✓
2 x LAN ✓**KOSTAL**ize

your energy

PLENTICORE BI
The power pack

KOSTAL – it's a PLUS

As a battery inverter, the PLENTICORE BI is the ideal addition for connecting a storage system in a new build or retrofitting an existing photovoltaic system.

Powerful: Real power (up to 10 kW / 26 A) for high-performance consumers and fast recharging

Variable: The option of connecting batteries in sizes between 5.1 kWh and 66 kWh offers a variety of storage solutions

Innovative: With the auto-update function, the inverter always automatically has the very latest software version

Performance features

The PLENTICORE BI is the most efficient three-phase AC storage system on the market. And it can do even more: in addition to storing the energy generated by photovoltaic systems, the battery inverter can also store energy from other AC energy sources.

- ✚ Time-dependent battery control
- ✚ External battery control via Modbus or digital inputs
- ✚ Smart Communication Board
- ✚ Auto-update function
- ✚ Safe installation due to clearly arranged, separate terminal compartment and protected power electronics
- ✚ Additional power thanks to battery inverter (up to 10 kW + PV power)
- ✚ Thanks to Modbus TCP, compatible with many Smart Home providers / partner applications
- ✚ Compatible with third-party products in existing systems
- ✚ Fast charging even with short periods of sunshine
- ✚ Low conversion losses due to high-voltage technology
- ✚ Maximum system efficiency with 3-phase inverters
- ✚ Digital device display

Full power in combination with KOSTAL inverters or third-party products for existing systems.



Technical information

| | | PLENTICORE BI | |
|--|---|---------------|----------------------------|
| Input (DC) | Power class | 5.5/26 | 10/26 |
| | Working voltage of battery input ($UDC_{workbatmin} - UDC_{workbatmax}$) | V | 120...650 |
| | Max. charging current / discharging current at battery input | A | 26/26 |
| | Number of DC inputs | | 1 |
| Output (AC) | Rated power, $\cos \phi = 1$ ($P_{AC,r}$) | | 5.5 kW and 10 kW |
| | Grid connection | | 3N~, 400 V, 50 Hz |
| System data | Protection class in accordance with IEC 60529 | | IP 65 |
| | Height / width / depth | mm | 563/405/233 |
| | Weight | kg | 17.9 |
| | Ambient temperature | °C | -20...60 |
| | Connection technology, DC side | | SUNCLIX plug |
| Interfaces | Connection technology, AC side | | Spring-type terminal strip |
| | Ethernet LAN (RJ45) | | 1 |
| | Energy meter connection for collecting energy data (Modbus RTU) | | 1 |
| | Digital inputs (e.g. for external battery management) | | 4 |
| | Webserver (user interface) | | ✓ |
| Warranty (Smart Warranty/Smart Warranty plus ¹⁾) | | Years | 10 (5+5) |

1) Activate your free warranty (Smart Warranty) now in the KOSTAL Solar online shop (shop.kostal-solar-electric.com). This does not affect your statutory warranty. You will find more information about the service and warranty conditions in the download area for your product. Subject to technical changes. Errors excepted.

Discover the KOSTAL product portfolio and convince yourself of the wide range of applications.

You can find more information at www.kostal-solar-electric.com

