

KOSTAL PLENTICORE: The strong brand for generations

We make the comparison

With the PLENTICORE, KOSTAL is now expanding its power range up to 20 kW with a backup power function. With the PLENTICORE plus, KOSTAL continues to have a real all-rounder on the market.



„With the PLENTICORE, KOSTAL has always the right solution!“

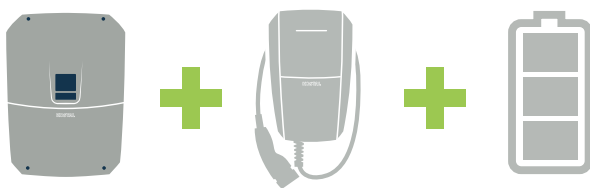
With the PLENTICORE, KOSTAL solar systems can be individually planned and flexibly expanded, e.g. to connect additional electricity consumers. Customers can use the solar power generated to charge their own electric car, support the heat pump or heat water with a heating element.

This makes the PLENTICORE the ideal inverter for current and future customer requirements. The KOSTAL PLENTICORE simply always fits.

Ideally equipped: „PLENTICORE - the all-rounder“

The decisive advantage: KOSTAL products can be customised and extended according to your requirements.

This means you only use and pay for the functions that you and your customers really need. Cover all requirements - immediately or afterwards.



Install. Combine. Expand. Be flexible with KOSTAL.



One inverter. All possibilities. With the digital expansion options from KOSTAL, for example, a suitable battery storage unit can be easily added. Immediately or later.

Whether new installation or retrofitting: With the KOSTAL complete solution, customers can also individually expand their PV system retrospectively, e.g. by adding a battery storage system.

This is what makes the installation, commissioning and expansion of solar systems with the KOSTAL PLENTICORE inverter so simple and flexible.

This is real future-proofing with the PLENTICORE and its digital expansion options - also for retrofitting and at a later date.

Good reasons in favour of a KOSTAL inverter. Made in Germany.



Full equipment ✓
Full warranty ✓
All options ✓
Multiple awards ✓



KOSTAL scores with high quality and modern safety standards. This is what makes the inverters so popular.

KOSTAL and PLENTICORE:

„You always have the best solution for every application!“



PLENTICORE plus

PLENTICORE

Features		
3 MPP tracker	✓	✓
Device display	✓	✓
Self-learning shadow management	✓	✓
Time-dependent battery control	✓	✓
Integrated data logger	✓	✓
AutoUpdate	✓	✓
Active cooling	✓	✓
Backup power operation		✓
DC overvoltage protection type 2 can be integrated		✓
Digital equipment		
WLAN	✓	✓
2 x LAN	✓	✓
4 digital outputs	✓	✓
Direct connection of ripple control receiver	✓	✓
Function extension		
Battery extension	✓	✓
Power extension		✓
Function extension		
Hybrid performance	4 - 10 kW	4 - 20 kW
DC input current	13 A	17 - 30 A
Efficiency	>97%	>98%
Working voltage range	120 - 900 V	75 - 900 V
MPP range at rated power	180 - 720 V	80 - 800 V
Start input voltage	150	95
Max. System voltage	1.000	1.000
Operating mode		
Solar operation	✓	✓
Hybrid operation	✓	✓
Battery operation		✓
Double power	✓	✓
Repowering	✓	✓
Sector coupling		
Battery	✓	✓
Wallbox	✓	✓
Heat pump (SG-Ready)	✓	✓
External control via Modbus TCP	✓	✓
Monitoring		
KOSTAL Solar Portal (free of charge)	✓	✓
KOSTAL Solar App (free of charge)	✓	✓
Commissioning		
Web server	✓	✓
Device display	✓	✓
KOSTAL Solar App with guided assistant	✓	✓
Warranty / Service / Quality		
10-year Smart Warranty plus	✓	✓
Made in Germany	✓	✓

With the PLENTICORE series, customer requirements and PV systems can be individually planned and realised.

Whether as an individual solution for a specialised area of application or for the PV system solution with storage, wallbox and free monitoring. Everything from a single source. Everything from KOSTAL.



Sector coupling succeeds with many compatible partners and the right components. The PLENTICORE is the solution for customised and flexible PV system planning.

Fully equipped with the most important digital interfaces, the battery storage system, heat pump, charging station and other consumers can be connected, controlled and monitored at the customer's request.



Full service and always the right support from KOSTAL. You retain maximum flexibility and can optimally serve your market and customers.

