

KOSTAL⁺ize

your energy

PLENTICORE plus

Quality at the best price



Produced in
Germany



Can be used for dynamic
electricity tariffs



Make optimal use of
solar energy



Commissioning
via app

KOSTAL – it's a PLUS

PLENTICORE plus: the name says it all. Thanks to its versatile application options, the three-phase hybrid inverter is the heart of every PV system - whether for power generation with up to 3 MPP trackers or for additional storage of self-generated energy in a connected battery.

Economical: Minimum stock levels, little training and small installation space – thanks to the all-in-one solution

Flexible: The battery input, available as an option using an activation code, enables flexible storage connection

Innovative: With the AutoUpdate function, the software of the inverter is always up-to-date

Performance features

The KOSTAL **PLENTICORE plus G2** inverter's innovative design and wide range of features ensure that it can be used for a variety of different PV applications.

- ✚ 3 MPP trackers
- ✚ Battery extension possible at any time
- ✚ Extended current and voltage range
- ✚ Smart Communication Board
- ✚ AutoUpdate
- ✚ Modbus/Sunspec for Smart Home
- ✚ Digital device display
- ✚ Integrated data logger
- ✚ Time-dependent battery control
- ✚ Self-learning shadow management
- ✚ Compatible with KOSTAL Wallbox ENECTOR
- ✚ Dynamic power control / static power limitation
- ✚ Separate terminal compartment and protected power electronics
- ✚ Limitation via ripple control receiver
- ✚ Commissioning via app, web interface or display
- ✚ WLAN, 2 x LAN, 4 digital Outputs (SG-Ready)
- ✚ Wide range of battery partners

Solar or hybrid. Individually or in a device network. That's maximum flexibility.



Technical information

		PLENTICORE plus						
			3,0	4,2	5,5	7,0	8,5	10
Input side (DC)	Power class							
	Input voltage range (U_{DCmin} - U_{DCmax})	V	120...1000					
	MPP working voltage range ($U_{MPPworkmin}$ - $U_{MPPworkmax}$)	V	120...720 ²⁾					
	Max. input current (I_{DCmax}) per DC input	A	13					
	Number of DC inputs		3					
	Number of combined DC inputs (PV or battery)		1					
	Output side (AC): Grid connection		3N~, 400 V, 50 Hz					
System data	Protection class in accordance with IEC 60529		IP 65					
	Height / width / depth	mm (in)	563 / 405 / 233 (22.17 / 15.94 / 9.17)					
	Weight	kg (lb)	19,6 (43.21)			21,6 (46,62)		
	Connection technology, DC side		SUNCLIX plug					
	Connection technology, AC side		Spring-type terminal strip					
Interfaces	Ethernet LAN (RJ45) / WLAN (IEEE 802.11b/g/n 2,4GHz)		2 / ✓					
	Energy meter connection for collecting energy data (Modbus RTU)		1					
	Digital inputs		Ripple control receiver or external battery control, CEI, OVP monitoring					
	Digital outputs		4 (24 V, 100 mA)					
	Webserver (user interface)		✓					
	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.

2) MPP range of 120 V...180 V (with limited current of 9.5 A - 13 A). MPP range of 680 V...720 V (with limited current of 11 A). Detailed layout can be seen in KOSTAL (PIKO) Solar Plan.

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

