KOSTAL

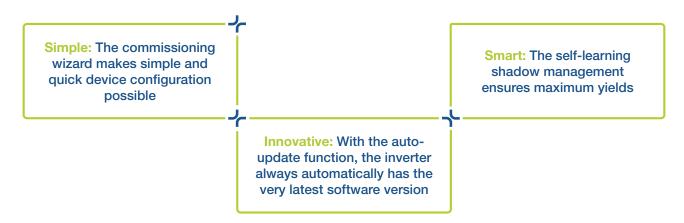
your energy



PIKO IQ The powerful compact device

KOSTAL - it's a PLUS

The three-phase PIKO IQ solar inverter impresses with its modern design, integrated shadow management and communication package for the private photovoltaic system.



Performance features

The three-phase inverter is available in power classes from 3.0 kW - 10 kW and can therefore be used with complete flexibility depending on requirements.

- 2 MPP trackers for flexible roof design
- Extended MPP range
- Safe installation due to clearly arranged, separate terminal compartment and protected power electronics
- Outo-update function
- Smart Communication Board
- 🕝 Digital device display
- Oata logger, system monitoring, network and control interfaces integrated as standard

- Compatible with the KOSTAL ENECTOR Wallbox
- Oddus / SunSpec communication
- Oynamic power control / static power limitation
- Control receiver
- 24-hour home consumption measurement

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The variable solar inverter ideal for flexible roof designs.



Technical information

			PIKO IQ					
	Power class		3.0	4.2	5.5	7.0	8.5	10
Input side (DC)	Input voltage range (U _{DCmin} - U _{DCmax})	V	1201000					
	MPP working voltage range (U _{MPPworkmin} - U _{MPPworkmax})	V	120720 ²⁾					
	Max. input current (I _{DCmax}) per DC input	А	13					
	Max. PV short-circuit current ($I_{SC,PV}$) per DC input	А	16.25					
	Number of independent MPP trackers		2					
	Output side (AC): Grid connection		3N~, 400 V, 50 Hz					
System data	Max. efficiency	%	97.1	97.1	97.1	97.2	97.2	97.2
	Protection class in accordance with IEC 60529		IP 65					
	Height / width / depth	mm	563/405/233					
	Weight	kg (lb)	19.6 (43.21) 19.9 (43.87)					7)
	Ambient temperature	°C	-2060					
	Connection technology, DC side		SUNCLIX plug					
	Connection technology, AC side		Spring-type terminal strip					
Interfaces	Ethernet LAN (RJ45)		1					
	Energy meter connection for collecting energy data (Modbus RTU)		1					
	Digital inputs (e.g. for digital ripple control receiver)		4					
	Potential-free contact for self-consumption control		1					
	Webserver (user interface)		 ✓ 					
	Warranty (Smart Warranty Plus 1)Years10 (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 9.5-13 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