


 A black, rectangular KOSTAL PIKO MP plus inverter unit is shown against a background of a blue-tiled roof with solar panels. The unit has a small display screen and several indicator lights at the bottom. Blue and green lines representing cables are shown entering the top of the unit.
 

# KOSTALize

## your energy

## PIKO MP plus

### The powerhouse for small roofs

## KOSTAL – it's a PLUS

The single-phase KOSTAL PIKO MP plus as a solar, hybrid or battery inverter enables both solar power generation and storage of the solar energy produced.

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

**Flexible:** DC and AC coupling for storage systems makes flexible planning possible

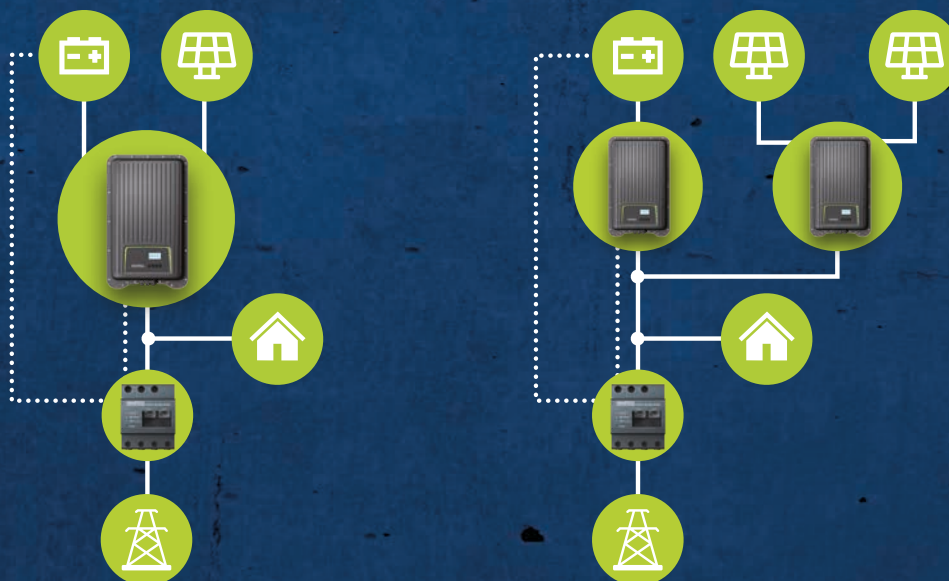
**Economical:** The activation code means maximum flexibility and low acquisition costs

## Performance features

The PIKO MP delivers high yields and allows numerous interconnection options for the PV modules. The KOSTAL Smart Energy Meter turns the PIKO MP plus into a hybrid inverter.

- ⊕ 1/2 MPP trackers
- ⊕ Display, data logger, system monitoring, network and control interfaces integrated as standard
- ⊕ Integrated DC switch
- ⊕ Optimum protection from dust and water for outdoor use (protection class IP65)
- ⊕ Battery functionality can be enabled by activation code for devices with two MPP trackers for DC-coupled battery connection – ideal for new systems
- ⊕ Battery functionality can be enabled by activation code for devices with one MPP tracker as AC-coupled battery connection – ideal for retrofitting
- ⊕ Can be combined with BYD Premium HVS and HVM battery system
- ⊕ High efficiency
- ⊕ Efficient DC coupling of high-voltage batteries
- ⊕ Dynamic active power control
- ⊕ Convenient to connect without opening the device
- ⊕ Simple menu-guided operation and installation

## Can be used universally as a solar, hybrid or battery inverter.



### Technical information

		PIKO MP PLUS								
		2.0-1	2.5-1	3.0-1	3.0-2	3.6-1	3.6-2	4.6-2	5.0-2	
Input side (DC)	Power class									
	Input voltage range ( $U_{DCmin} - U_{DCmax}$ )	V	75-450		75-750					
	MPP working voltage range ( $U_{MPPworkmin} - U_{MPPworkmax}$ )	V	75-360		75-600					
	Max. input current ( $I_{DCmax}$ ) per DC input	A	13							
	Number of independent MPP trackers	1	1	1	2	1	2	2	2	
System data	Output side (AC): Grid connection	1N~, 230V, 50 Hz								
	Protection class in accordance with IEC 60529	IP 65								
	Height / width / depth	mm	657 / 399 / 222							
	Weight	kg (lb)	12.6	12.6	13.8	14.0	13.8	14.0	14.0	14.0
	Ambient temperature	°C	-25...60							
	Connection technology, DC side	SUNCLIX plug								
Interfaces	Connection technology, AC side	Wieland RST25i3								
	Ethernet LAN (RJ45)	1								
	Energy meter connection for collecting energy data (Modbus RTU) (RJ45)	1								
	RS485 (RJ45)	1								
	Webserver (user interface)	✓								
	Warranty (Smart Warranty/Smart Warranty plus <sup>1)</sup> )	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](http://www.kostal-solar-electric.com)

