



## YOUR BENEFITS

- Three-phase feed-in
- Integrated data logger, webserver and free Solar Portal for system monitoring
- Numerous series communication interfaces
- Shade management – smart optimisation

### KOSTAL PIKO NG Series

Inverter type	PIKO 12 NG	PIKO 15 NG	PIKO 17 NG	PIKO 20 NG	PIKO 36 EPC
Item number	709007	709008	709009	709011	709015
<b>Technical data</b>					
Nominal output power $P_N$ [W]	12000	15000	17000	20000	36000
Max. apparent power $S_{max}$ [VA]	12000	15000	17000	20000	36000
Max. DC power P [Wp]	12900	16900	19200	22600	40000
Max./Europ. efficiency [%]	97.7 / 97.1	98.0 / 97.2	98.0 / 97.3	98.0 / 97.3	98.7 / 98.3
MPP voltage range [V]	345 – 800	260 – 800	290 – 800	345 – 800	580 – 800
Max. input voltage [V]	1000	1000	1000	1000	1100
Start input voltage [V]	180	180	180	180	580
Max. current per input [A]	18.0 / 18.0	20.0 / 20.0 / 20.0	20.0 / 20.0 / 20.0	20.0 / 20.0 / 20.0	3 × 26.0
Power factor cos $\phi$ ind./cap.	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8	-0.8 / 0.8
<b>Dimensions and specifications</b>					
Width/Height/Depth [mm]	580 / 445 / 248	700 / 540 / 265	700 / 540 / 265	700 / 540 / 265	540 / 700 / 265
Weight approx. [kg]	38	48	48	48	51
Grid connection	three-phase	three-phase	three-phase	three-phase	three-phase
Topology	transformerless	transformerless	transformerless	transformerless	transformerless
Number of MPP trackers	2	3	3	3	1
Number of DC inputs	1 / 1	1 / 1 / 1	1 / 1 / 1	1 / 1 / 1	6
DC connection	MC4	MC4	MC4	MC4	SUNCLIX
IP protection class	55	55	55	55	65
Interfaces	Ethernet, RS485, S0, analogue inputs, BA sensor	Ethernet, RS485, S0, analogue inputs, BA sensor	Ethernet, RS485, S0, analogue inputs, BA sensor	Ethernet, RS485, S0, analogue inputs, BA sensor	Ethernet 2x, RS485
Special feature	smart optimisation	3 MPP trackers	3 MPP trackers	3 MPP trackers	high input voltage up to 1100 V and series grid and system protection

### Accessories

KOSTAL BA sensor (item no. 270151)