



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 4.2 NG	PIKO 4.6 NG	PIKO 5.5 NG	PIKO 7.0 NG	PIKO 8.5 NG	PIKO 10 NG
Item number	709051	709055	709052	709053	709054	709010
Technical data						
Nominal output power P_N [W]	4200	4600	5500	7000	8500	10000
Max. apparent power S_{max} [VA]	4200	4600	5500	7000	8500	10000
Max. DC power P [Wp]	4600	5100	6100	7700	9400	10800
Max./Europ. efficiency [%]	97.5/96.1	97.7/96.1	97.7/96.3	97.6/96.5	97.6/96.5	97.7/97.1
MPP voltage range [V]	400–800	265–800	265–800	330–800	400–800	290–800
Max. input voltage [V]	1000	1000	1000	1000	1000	1000
Start input voltage [V]	180	180	180	180	180	180
Max. current per input [A]	11.0	11.0/11.0	11.0/11.0	11.0/11.0	11.0/11.0	18.0/18.0
Power factor cos ϕ ind./cap.	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8	-0.8/0.8
Dimensions and specifications						
Width/Height/Depth [mm]	500/385/236	500/385/236	500/385/236	500/385/236	500/385/236	580/445/248
Weight approx. [kg]	24	26	26	26	26	38
Grid connection	three-phase	three-phase	three-phase	three-phase	three-phase	three-phase
Topology	transformerless	transformerless	transformerless	transformerless	transformerless	transformerless
Number of MPP trackers	1	2	2	2	2	2
Number of DC inputs	1	1/1	1/1	1/1	1/1	1/1
DC connection	MC4	MC4	MC4	MC4	MC4	MC4
IP protection class	55	55	55	55	55	55
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, RS485, S0, analogue inputs, BA sensor	Ethernet, RS485, S0, analogue inputs, BA sensor
Special feature	smart optimisation	smart optimisation	smart optimisation	smart optimisation	smart optimisation	smart optimisation

Accessories

KOSTAL BA sensor (item no. 270151)