

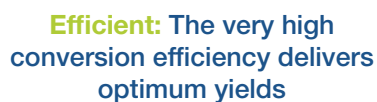

KOSTALize


 your energy

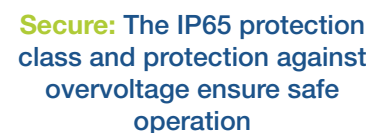

PIKO CI (30 / 50 / 60)
 The robust device
 for commerce

KOSTAL – it's a PLUS

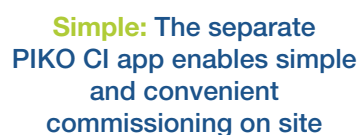
The PIKO CI offers cost-optimised commissioning and ensures high yields – perfectly suited to large roof areas and companies as well as small ground-mounted systems in the project business.



Efficient: The very high conversion efficiency delivers optimum yields



Secure: The IP65 protection class and protection against overvoltage ensure safe operation



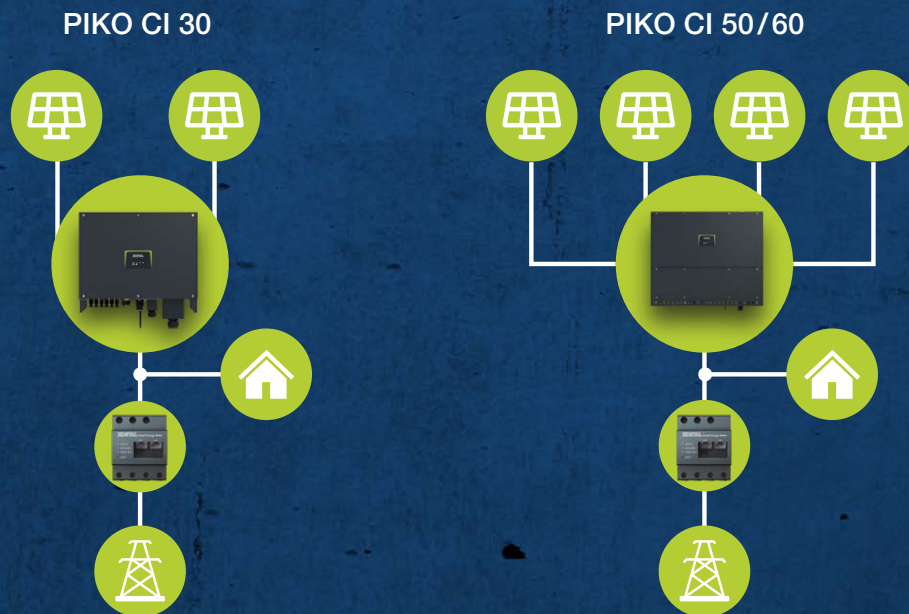
Simple: The separate PIKO CI app enables simple and convenient commissioning on site

Performance features

With the separate PIKO CI app, simple installation and commissioning are ensured so that all the necessary, system-specific functions can be configured.

- ⊕ IP65-certified housing for water / dust protection for outdoor use
- ⊕ Cost-optimised 4-wire connection
- ⊕ 6x DC IN with 2 MPP trackers (CI 30)
- ⊕ 10x DC IN with 4 MPP trackers (CI 50)
- ⊕ 12x DC IN with 4 MPP trackers (CI 60)
- ⊕ Capable of ripple control thanks to integrated interface
- ⊕ Over-assignment of up to 50% DC to AC permits flexible generator design
- ⊕ Integrated KOSTAL Smart AC Switch
- ⊕ Integrated DC voltage separator
- ⊕ Up to 1100 V system voltage for optimum generator design
- ⊕ Integrated type 2 overvoltage protection (AC / DC)
- ⊕ WLAN interface
- ⊕ 2-way LAN with integrated switch for easy communication (daisy chain)

Getting the most out of your system – with up to 4 MPP trackers.



Technical information

		PIKO CI (30/50/60)			
		30	50	60	
Input (DC)	Power class				
	Max. PV power ($\cos \phi = 1$)	kWp	45	75	90
	Input voltage range ($U_{DCmin} - U_{DCmax}$)	V	180...1000	200...1100	200...1100
	MPP working voltage range ($U_{MPPworkmin} - U_{MPPworkmax}$)	V	180...960	200...960	200...960
	Number of DC inputs		6	10	12
Output (AC)	Number of independent MPP trackers		2	4	4
	Max. apparent output power, $\cos \phi_{adj}$	kVA	33	55	66
	Grid connection		3N~, 400 V, 50/60 Hz		
System data	Setting range of the power factor ($\cos \phi_{AC,r}$)		0.8...1...0.8		
	Max. efficiency	%	98.2	98.3	98.3
	Protection class according to EN 60529		IP 65		
	DC/AC overvoltage protection		Type 2		
	Height / width / depth	mm	470/555/270	710/855/285	710/855/285
	Weight	kg	41	83	83
Interfaces	Ambient temperature	°C	-25...60		
	Ethernet LAN TCP/IP (RJ45)		2		
	WLAN		✓		
	RS485		1		
	Digital inputs		4		
KOSTAL Smart Warranty ¹⁾		Years	5 (2)		

1) KOSTAL Smart Warranty: 5-year warranty only after registration in the KOSTAL Solar online shop
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

