

Maximum efficiency for your company

The new PIKO CI inverter –
cost-optimized, safe and reliable.



PIKO CI

Learn all about the new
PIKO from KOSTAL



Smart
connections.

Environmentally friendly electricity at an attractive cost using solar power

A photovoltaic system is a particularly good investment for businesses.

Reliable returns, a fast ROI and a long-term reduction in annual energy costs make solar power from your own company roof more attractive than ever. With a photovoltaic system, you can make the energy supply in your company sustainable, independent, cost-effective and thus particularly economical. What's more, photovoltaic systems are tax-deductible.

The inverter forms the core of every solar system

KOSTAL Inverters are efficient, reliable and represent the indispensable heart of every photovoltaic system. In addition to converting direct current into alternating current, the inverter also performs other central tasks in a photovoltaic system. This includes all operational management of the system, data communication and ensuring system safety. When choosing your project inverters, rely on the reliability and quality of KOSTAL.



Your ideal partner for commercial photovoltaic systems

With the PIKO CI (Commercial Inverter), you get the optimum inverter for your business. Power classes of 30, 50 and 60 kW promise suitability for almost any size of system. The new and already integrated Smart AC Switch can take the place of the external circuit breaker.

The PIKO CI inverter is optimised for the requirements of commercial photovoltaic systems and offers numerous options for constructing the system. It offers a high level of safety and efficiency and also maximum energy yield thanks to its high

efficiency. Due to its optimal protection from dust and water (protection class IP65), it is also ideally suited for tough outdoor use. The PIKO CI is particularly reliable because it complies with the low-voltage and medium-voltage directives and is also already approved in many European countries. Thanks to its state-of-the-art technology, app-based commissioning is very easy via WLAN. Monitoring the connected PV strings offers optimum surveillance and comprehensive service.

Further advantages at a glance:

- Protection against overvoltages on the AC and DC side, type 2
- Cost-optimized 4-wire AC connection; a neutral conductor can be connected as an option
- Up to 4 MPP trackers (with the PIKO CI 30: 2 MPP trackers)
- 6 DC inputs for PIKO CI 30, 10 - 12 DC inputs for PIKO CI 50 and CI 60
- Wide MPP operating voltage range of 180 - 950 V (PIKO CI 30) or 200 - 960 V (PIKO CI 50 and 60)
- Over-assignment of up to 50 % (DC to AC) permits flexible generator design
- Optimised generator design with system voltage of up to 1100 V
- Highest yields thanks to > 98 % efficiency
- Circuit breaker integrated using Smart AC Switch function
- In accordance with protection class IP65, dust-tight as well as protected against contact and water jets

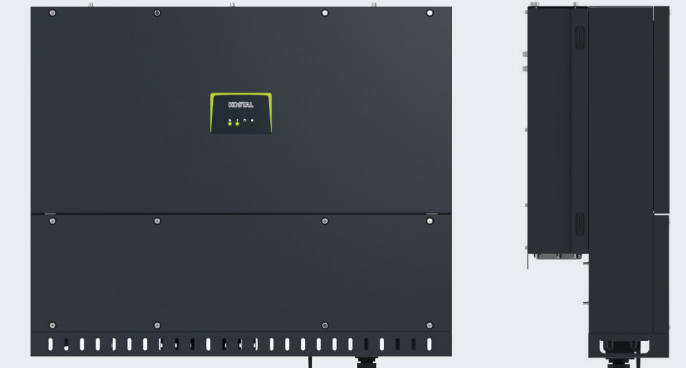
PIKO CI 30



470/555/270 mm

- 33 kVA
- 2 MPP trackers
- 6 DC inputs
- MPP range 180–950 V

PIKO CI 50/60



710/855/285 mm

- 55 / 66 kVA
- 4 MPP trackers
- 10/12 DC inputs
- MPP range 200–960 V

Maximum efficiency for your photovoltaic system

Achieve the maximum energy yield from your photovoltaic system with the PIKO CI thanks to its cost-optimising, smart technology and integrated yield optimisation. It is ideal for commercial areas and project planning and is particularly easy to handle. The three-phase, transformerless project inverters in the 30, 50 and 60 kW power classes excel in terms of convenient layout, smart communication, highly efficient performance and fast installation – all for particularly attractive value for money.

Invest now in even more opportunities

Ensure maximum flexibility in your system planning with the PIKO CI as it is ideally suited to larger commercial solutions – both for ground-mounted and roof-mounted systems. It also offers several options for interconnecting PV modules and connecting them accordingly. Furthermore, it can be easily combined with the new AC-coupled battery inverters of the PLENTICORE BI series.

KOSTAL products offer you quality and safety

- Our products are flexibly expandable and therefore future-proof and durable.
- We attach importance to high quality at fair prices for all our products.
- European warranty and reliable service by certified specialist partners are of course always included.

Smart installation

Optimum protection from dust and water for tough outdoor use (protection class IP65).

KOSTAL Solar Plan



The system layout can be optimised with common planning tools.



Easy commissioning and system-specific configuration via the dedicated KOSTAL PIKO CI App.

KOSTAL

KOSTAL Solar Electric GmbH
Hanferstr. 6
79108 Freiburg i. Br.
Germany
Telephone: +49 761 47744 - 100
Fax: +49 761 47744 - 111

www.kostal-solar-electric.com

Smart
connections.