

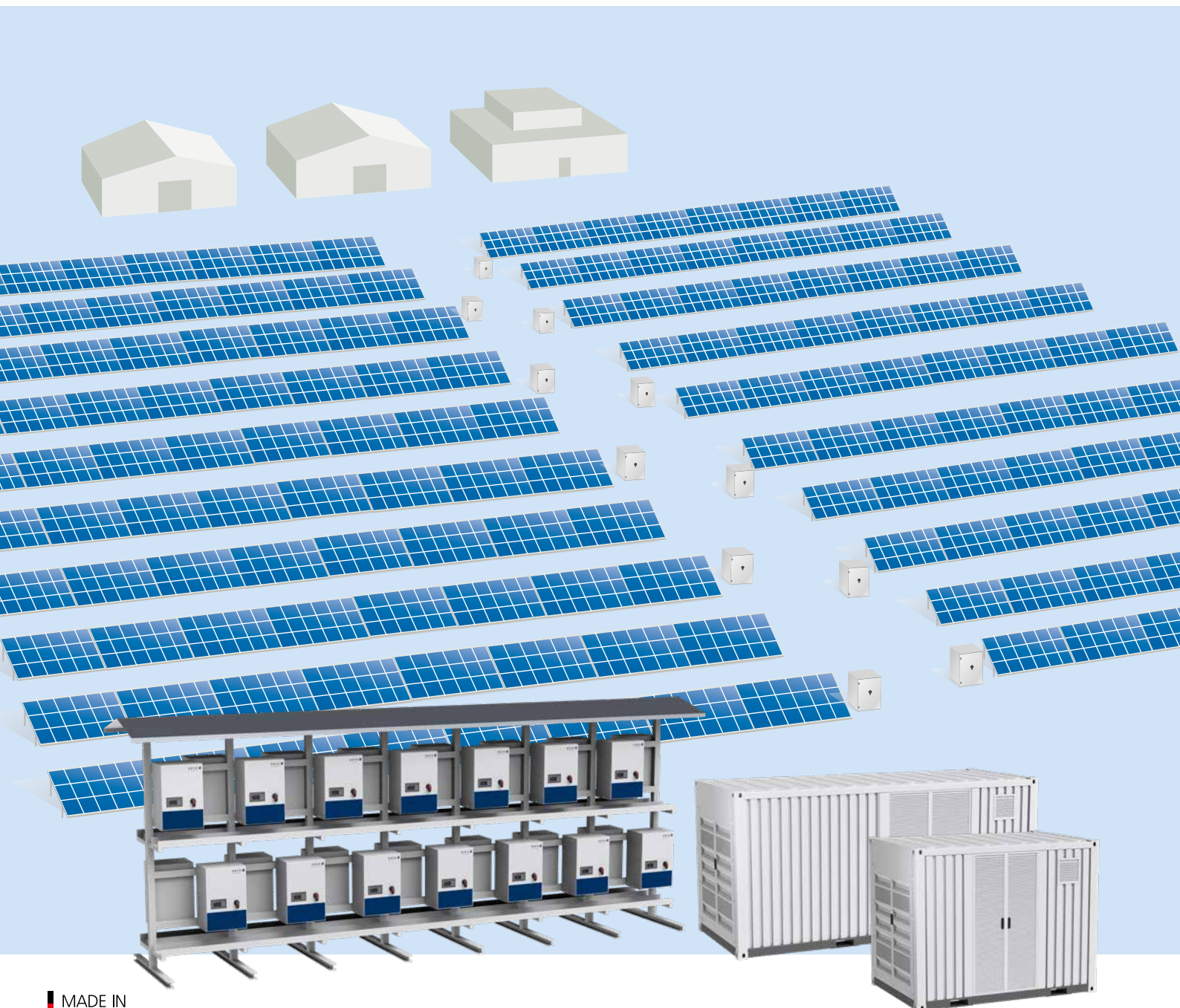
K A C O



new energy.

Central Power String Solution.

All-in-one solutions for decentralised solar power plants.



 MADE IN GERMANY

Central Power String Solution. System sizes and components.



CPSS / blueplanet 50.0 TL3

0.6/0.8/1.0 MVA

AC power output → 0.6 MVA → 0.8 MVA → 1.0 MVA



CPSS / blueplanet 50.0 TL3

2.0/2.5 MVA

AC power output → 2.0 MVA → 2.5 MVA

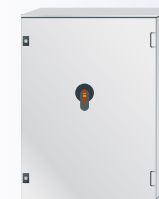
Technical description.

	0.6 MVA	0.8 MVA	1.00 MVA	2.00 MVA	2.5 MVA
blueblock	12 feet	12 feet	12 feet	20 feet	20 feet
Transformer	0.63 MVA	0.8 MVA	1.0 MVA	2.0 MVA	2.5 MVA
Circuit-breaker low voltage	1000 A	1250 A	1600 A	3200 A	4000 A
Strip type fuse-switch-disconnector NH00	12 x	16 x	20 x	40 x	50 x
Medium-voltage switchgear unit up to 24 kV	RRL	RRL	RRL	RRL	RRL
Medium-voltage switchgear unit to 30-36 kV	RRT	RRT	RRT	RRT	RRT
Max. number of blueplanet 50.0 TL3 and blueplanet Mini-Argus 50.0	12 x	16 x	20 x	40 x	50 x

Central Power String Solution. Maximum flexibility and reliability.

- From DC to AC – all components from one source and perfectly matched
- Inexpensive grid and system protection through Powador-protect
- Premium quality and reliability for maximum yield
- 5-year factory warranty & 5-years extended warranty for the inverters*

The turnkey system comprises:



blueplanet Mini-Argus 50.0

- String fuse plus / minus pole
- For DC voltages up to 1100 V
- Surge protection device, DC isolator switch
- IP65 housing for outdoor use



blueplanet 50.0 TL3-M-INT inverter

- High power density and flexible design
- IP65 aluminium housing for outdoor use
- Up to 40 % inverter oversizing possible
- Late power derating from +50°C
- Pre-installed DC and AC surge protection sockets
- Larger cable cross-sections possible for copper and aluminium cables



Optional inverter rack

- Turnkey installation system for up to 25 inverters
- Sun roof
- Flexible size, scalable in 4-grid system
- Powder coating, particularly weather-resistant



blueblock medium-voltage container Optional grid and system protection and German Renewable Energies

- Fast and reliable connection to the medium-voltage grid without the use of AC collectors
- Equipped with low voltage main distribution, transformer (Oil/CRT) and medium-voltage switchgear unit
- Steel housing with thermal insulation and surface coating
- Optional approval for transport by sea (2.0 MVA / 2.5 MVA)

Optional items:

*5-year warranty extension (for the inverters only)

Contact us and find out more about our attractive 750 kW EEG package!
750kW-EEG@kaco-newenergy.de

Long-standing experience, comprehensive support, reliable service.

From initial consulting to commissioning, KACO new energy's team of experienced specialists is at your side with tailored product solutions and optimum configuration to ensure smooth operation and highest yields for your PV power plant.

For more than 100 years, KACO new energy has been supplying power electronics markets worldwide with technology "Made in Germany". Today, the company is one of the most trusted vendors in the photovoltaic industry, with over 10 GW of installed power output.

