

Certificate of compliance

Name and address of the manufacturer	KACO new energy GmbH Carl-Zeiss-Str. 1 74172 Neckarsulm, Germany
Product description	Photovoltaic feed-in inverter
Type designation	blueplanet 5.0 TL3, 6.5 TL3, 7.5 TL3, 8.6 TL3, 9.0 TL3, 10.0 TL3, 15.0 TL3, 20.0 TL3, 50.0 TL3 Powador 12.0 TL3, 14.0 TL3, 18.0 TL3, 20.0 TL3, 30.0 TL3, 33.0 TL3, 36.0 TL3, 39.0 TL3, 40.0 TL3, 60.0 TL3, 48.0 TL3 Park, 72.0 TL3 Park

We hereby confirm that the devices listed above can be connected directly to PID regeneration systems from various manufacturers, taking into account the voltage limits described below.

The PID regeneration system prevents or compensates for the effects of "Potential Induced Degradation" (PID) within the field. This is realised by the application of a regeneration voltage to PE at the positive or negative pole of the PV generator during twilight or night hours.

Maximum regeneration voltage of the PID regeneration system $\leq \frac{V_{dc_max}}{2}$ to PE.

Example: KACO blueplanet 20.0 TL3:

V_{dc_max} corresponds to a no-load voltage as per Technical Data: 1000 V.

Set maximum permissible regeneration voltage of 500 V at the PID regeneration system to avoid damage to the inverter.

Unauthorised modifications to the supplied inverters and/or any use of the units that is contrary to their proper use will render this declaration null and void.

Neckarsulm, 11 April 2017
KACO new energy GmbH