

# Repowering Examples

## How to replace old inverters with blueplanet NX3 models

Previous inverter	blueplanet NX3 model	Interface	Protocol	Meteocontrol compatibility
Powador 6.0 TL3	blueplanet 3.0 – 5.0 NX3 blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 7.8 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 9.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 10.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 12.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 14.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 18.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
blueplanet 3.0 – 10.0 TL3	blueplanet 3.0 – 5.0 NX3 blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓ ✓
blueplanet 15.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
blueplanet 20.0 TL3	blueplanet 8.0 – 20.0 NX3	RS485	KACO legacy protocol	✓
Powador 30.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓
Powador 33.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓
Powador 36.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓
Powador 39.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓
Powador 40.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓
Powador 60.0 TL3	blueplanet 25.0 – 33.0 NX3*	RS485	KACO legacy protocol	✓

**Tip:**

When repowering, also consider the possibility of replacing several inverters with a single new inverter. In this way, you reduce the complexity of the PV plant and keep the investment costs low.

A good example is the repowering of three 1-phase 8 kW inverters with a new 3-phase blueplanet 25.0 NX3\* with 3 MPP trackers.

\*blueplanet 25.0 / 30.0 / 33.0 NX3 coming soon.

