



UK DECLARATION OF CONFORMITY

For the **OPTIDRIVE COMPACT2 PFC** product range

Inverterk Drives Ltd
Offa's Dyke Business Park
Welshpool, Powys. SY21 8JF
United Kingdom

hereby declares, under our sole responsibility, that the above-named product range has been designed and manufactured in accordance with the following UK harmonised standards:

Safety:

BSEN 61800-5-1:2007 & A11:2021 Adjustable speed electrical power drive systems.
Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007).

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.
Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).
BSEN 61000-3-2:2014 Electromagnetic Compatibility (EMC).
Part 3-2: Limits — Limits for harmonic current emissions (equipment input current < 16 A per phase) (IEC 61000-3-2:2014).

Eco-design:

BSEN 61800-9-2:2017 Adjustable speed electrical power drive systems.
Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Energy efficiency indicators for power drive systems and motor starters (IEC 61800-9-2:2017).

RoHS:

BSEN 63000:2018 Tech documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of the council directives:

Electromagnetic Compatibility Regulations 2016 (1091)
Electrical Equipment (Safety) Regulations 2016 (1101)
The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019 (539) & 2021 (745)
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Notes:



The CE marking and conformity are only valid if the product has been installed in a drive system in accordance with the product User Guide delivered with the product.

DM Jones, R&D Director, Welshpool, 22.03.22