

EU Declaration of Conformity

In accordance with EN ISO 17050-1:2010

Object of the declaration:

Product	Mains-operated electric fence energizer
Brand & Model	Datamars SPEEDRITE 46000W
Serial no.	Speedrite model: 107418940148 (DOM 06/06/2020) or higher



Manufacturer	Datamars Limited
Address	25 Carbine Road, Mt Wellington, Auckland 1060, NEW ZEALAND

This declaration is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/53/EU	The Radio Equipment Directive
2011/65/EU	The Restriction of Hazardous Substances Directive

Conformity is shown by compliance with the applicable requirements of the following documents:

Reference & Date	Title
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Protection of health and safety¹ of persons and of domestic animals and the protection of property (Article 3.1(a) of 2014/53/EU);

EN 62311: 2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)
IEC 60335-2-76: 2018	Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers

Adequate level of electromagnetic compatibility (Article 3.1(b) of 2014/53/EU);

EN 55014-1:2017 + A11:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
EN 55014-2:1997 + AC:1997 + A1:2001 + A2:2008	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

Effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference (Article 3.2 of 2014/53/EU);

EN 300 328 V2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
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“This radio equipment emits a maximum of 50 mW e.i.r.p. in the frequency band 2.40 to 2.48 GHz.”

¹ Datamars believes that the objectives with respect to safety requirements set out in Directive 2014/35/EU have been met, noting however that electric fence controllers (energizers) are specifically excluded from the scope of 2014/35/EU (refer Annex II of the Directive).

DATAMARS

Signed for and on behalf of:

Datamars Limited

Place of issue:

Auckland, New Zealand

Date of issue:

23/05/2022

Name:

Tim Otley

Position:

R&D Manager

Signature:

A handwritten signature in blue ink that reads "T. J. Otley." with a stylized flourish at the end.