




EU-Type Examination Certificate

with respect to the presumption of
Compliance of a product with the essential requirements of

RE DIRECTIVE 2014/53/EU

Certificate Number	RE-20022202
Certificate Holder	Hoymiles Converter Technology Co., Ltd.
Address	No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China
Manufacturer	Hoymiles Converter Technology Co., Ltd.
Address	No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China
Product Type/Description	PV Microinverter
Trade Name	Hoymiles /  hoymiles 禾迈
Model Number	HM-450, HM-400, HM-400T, HM-350, HM-350T, HM-300, HM-300T MI-400, MI-350, MI-300
Product Identification Element	HM-450, HM-400, HM-400T, HM-350, HM-350T, HM-300, HM-300T MI-400, MI-350, MI-300

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 62109-1:2010, EN 62109-2:2011	Y
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311:2008	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	Draft EN 301 489-1 V2.2.0*, EN 301 489-3 V2.1.1 EN 61000-6-1:2007, EN 61000-6-2:2005 EN 61000-6-3:2007+A1:2011, EN 61000-6-4:2007+A1:2011 EN 61000-3-2:2014, EN 61000-3-3:2013	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 300 440 V2.1.1	Y

*Note: This is a non-harmonized radio standard accepted by the RED (Radio Equipment Directive).

Authorized By:

Leslie Bai, Director of Certification

Issue Date: February 20, 2020

Expiry Date: February 19, 2025

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.

Bureau Veritas Consumer Products Services, Inc.
775 Montague Expressway, Milpitas, CA 95035, USA
Tel: 408 526 1188, Fax: 408 526 1088,

Website: <https://cpsusa-bureauveritas.com>, Email: sales.eaw@us.bureauveritas.com



Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-20022202

Product Specifications	
Frequency Range	2400-2483.5MHz (SRD)
RF Output Power (EIRP)	5.68dBm
Type of Antenna	PCB (MI series), PCB + wire (HM series)
Modulation	GFSK
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	There are 25 variable family models: HM-450, HM-450T, HM-450A, HM-400, HM-400T, HM-400A, HM-350, HM-350T, HM-350A, HM-300, HM-300T, HM-300A, HM-250, HM-250T, HM-250A, MI-450, MI-450T, MI-400, MI-400T, MI-350, MI-350T, MI-300, MI-300T, MI-250, MI-250T Certified on this certificate which are electrically identical. The only differences are the model name, appearance, and the color for marketing purposes.

Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	BMH-19NO1936FTSHP-1, BMH-19NO1936FTSHP-2 (safety) BMH-19OC3090VTSHPB-2 (Health)
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	BMH-19OC3090VTSHPB
RE Directive 2014/53/EU, Article 3(2) ■ Radio	BMH-19OC3090VTSHPB-1
EUT Photos	<input checked="" type="checkbox"/>
User Manual	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
Operational description	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
PCB layout	<input checked="" type="checkbox"/>
Declaration of Conformity	<input checked="" type="checkbox"/>
Risk Assessment	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state. No configuration, other than described above, has been considered and is therefore not included in this certificate.

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 Please check the validation of this certificate at [BV CPS Cert Validation Portal](#)