Enershare Tech Company Limited

RED Compliance Documentation

Regulation Reference: RED Directive 2014/53/EU Applicable Products: Rechargeable low-voltage battery system with integrated Wi-Fi & Bluetooth

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Issuer: Shenzhen Enershare Energy Technology Co., Ltd.

1. Purpose

This document constitutes the RED compliance documentation required under **Directive 2014/53/EU (Radio Equipment Directive)**. All three battery models incorporate integrated Wi-Fi and Bluetooth radio modules. This file forms part of the Annex VIII technical documentation package for EU market access, demonstrating compliance for the radio functionalities (Wi-Fi / Bluetooth) built-into the battery systems.

2. Covered Product Models

This RED compliance documentation applies to below exact product models: - Model 1: iMAX100Pro (51.2V 100Ah / 5.12 kWh) - Model 2: ACTIVE-10PRO (51.2V 200Ah / 10.24 kWh) - Model3:Actice14Pro(51.2V280Ah) Model 4: Active16 PRO (51.2V 314Ah / 16.08 kWh)

All three models integrate identical Wi-Fi + Bluetooth radio module. Differences between models are limited to battery capacity, current rating and energy; radio hardware, antenna design, firmware and RF-related design are unchanged across the these models.

3. Radio Module Information

Item	Details
Integrated Radio Features	Wi-Fi + Bluetooth
Frequency Bands	2400 MHz - 2483.5 MHz
Module Model	HF-LPT270
Module RED Certificate No.	AOCRSH**D**201021002 -03
Module Manufacturer	High-Flying Electronics Technology Co.,Ltd.

Statement: The host battery system does not modify radio module hardware, antenna or RF firmware. The radio module is used in its original certified configuration inside the battery enclosure.

Radio equipment compliance is demonstrated against the following harmonised standards:

4. Compliance Evidence Summary

Model	Radio Function	Compliance Evidence	Conclusion
iMAX100Pro	Wi-Fi / Bluetooth	Certified radio-module RED test report & certificate No. :RSHD201021002-SF	Compliant with RED 2014/53/EU
ACTIVE-10PRO	Wi-Fi / Bluetooth	Same certified radio module; host does not alter RF design	Compliant with RED 2014/53/EU
Active14 PRO	Wi-Fi / Bluetooth	Same certified radio module; host does not alter RF design	Compliant with RED 2014/53/EU

Rationale for family-approach: The radio module, antenna layout, mechanical enclosure, grounding and firmware are identical for all battery models. Variations are only battery cell capacity and power electronics parameters, which have no impact on radio-frequency performance, EMC or safety of the wireless subsystem. Therefore the existing radio-module RED test evidence is valid for all three host models listed above.

All essential requirements of RED Directive 2014/53/EU are satisfied for the wireless functions of the three battery products.

5. Declaration

We hereby declare:

1. The integrated Wi-Fi / Bluetooth radio modules installed in iMAX100Pro, ACTIVE-10PRO and Active14 PRO are used according to the module manufacturer's approved configuration; no modification is performed on RF hardware, antenna or radio firmware.
2. All supporting test reports and module RED certificates referenced in this document are genuine and kept within the company's technical-documentation file, available for inspection by EU market-surveillance authorities upon request.
3. The products fulfil all applicable essential requirements of Directive 2014/53/EU for radio-equipment.

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