

EU Declaration of Conformity

Product: Rechargeable Lithium-ion Battery Pack (LiFePO4)
Model(s) Covered: Powerbox 5.1
Manufacturer: Jiangsu Essis New Energy Technology Co., Ltd
Address: Group 20, Gechanglu Village, Xingren Town,
Tongzhou District, Nantong City, Jiangsu Province, China

Series Name:
ESS 51.2V LFP Battery Series

This declaration applies to all above models, which share identical electrical architecture, BMS platform, cell chemistry, protection system, and safety design.

Applicable Directive: EMC Directive 2014/30/EU

Harmonized Standards Applied:

- EN IEC 61000-6-1:2019
- EN IEC 61000-6-3:2021

Environmental Directive (RoHS):

RoHS Directive 2011/65/EU and (EU) 2015/863

Restriction of hazardous substances including Pb, Cd, Hg, Cr6+, PBBs, PBDEs, DEHP, BBP, DBP, DIBP.

Compliance supported by RoHS Certificate No. CCI231100249ENCER.

Additional Safety Standard Referenced:

- IEC 62619:2022 (via CB Certificate SG ITS-34112)

Supporting Documents:

- CE EMC Certificate: LP23090235C01-01
- IEC 62619 CB Certificate: SG ITS-34112

Authorized Signatory:

Name: Qiu Yu

Position: General Manager

Company: Jiangsu Essis New Energy Technology Co., Ltd

Place of Issue: Nantong, China

Date: 2024-02-06

Signature: Qiu Yu