

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50526245

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
40824897

Unser Zeichen *Our Reference*  
ZKR1-JYK-KR21PKM6 001

Ausstellungsdatum  
08.11.2021

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
LG Energy Solution, LTD.  
188, Munji-ro, Yuseong-gu,  
Daejeon,  
Republic of Korea

**Fertigungsstätte *Manufacturing Plant***  
PEOPLEWORKS  
225, Suchul-daero,  
Gumi-si, Gyeongsangbuk-do 39270  
Republic of Korea

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111247745

Geprüft nach *Tested acc. to*  
IEC 62619:2017

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Stationary Battery Rechargeable Li-ion Battery System <sup>®</sup>

Type Designation	: (1) RESU FLEX 17.2	6
	(2) RESU FLEX 12.9	1
	(3) RESU FLEX 8.6	1

Rated Capacity : 37 Ah

Nominal Voltage : (1) DC 470 V (2) DC 352 V (3) DC 235 V

8

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



Zertifizierungsstelle

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

Young-Yul Hwang

# CERTIFICATE OF CONFORMITY

## EMC Directive 2014/30/EU

Certificate No.	14013286
Product	Battery Pack
Model /Type ref.	RESU FLEX
Multi-Listing model name	RESU FLEX 8.6, RESU FLEX 12.9, RESU FLEX 17.2
Holder of Certificate	LG Energy Solution, LTD. 188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA
Manufacturer	Peopleworks 228, 1gongdan-ro, Gumi-si, Gyeongsangbuk-do, Korea
Trade Mark	N/A
Electrical Rating	DC 384 – 531.2 V (Nom. Voltage : 470 V)
Additional Information	N/A

This is to certify that the sample(s) of the Product described above has been investigated and is presumed to be in conformity with the applicable provisions set out in Annex I of the EMC Directive 2014/30/EU on the basis of compliance with the following harmonized standards:

Standard(s): EN IEC 61000-6-3:2021 & EN IEC 61000-6-2:2019

Detailed specifications of the tested and certified product are shown in the following Test Report:

Test Report Ref. No.: 21-14013286-1-CE      Issued Date:2021-11-19      By: UL Korea, Ltd.

The standard(s) above is listed in harmonized standards of Official Journal of the European Union and apply to the sample of product submitted by the manufacturer for conformity assessment for safety objectives, excluding the analysis and assessment of risk(s) and the manufacturing process and its monitoring. This certificate and the relevant test results apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. This certificate is to serve as a supplement to technical documents which established by the manufacturer according to Annex II of the directive. The manufacturer shall draw up a written EU declaration of conformity for a product model and keep it together with the technical documentation at the disposal of the national market surveillance authorities for 10 years after the electrical equipment has been placed on the market. The EU declaration of conformity shall identify the electrical equipment for which it has been drawn up.  
This document contains 1 page.

Date: 2021-11-19

Signature:



**Junwhan Lee**  
Operations Leader  
**Consumer Technology Division**  
**UL Korea Ltd.**  
26<sup>th</sup> Fl. Gangnam Finance Center,  
152 Teheran-ro Gangnam-gu, Seoul, Korea  
Tel: +82 2 2009 9000 Fax: +82 2 2009 9404



## EU Declaration of Conformity

We, the undersigned,

Manufacturer	LG Energy Solution, Ltd.
Address	188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA

Certify and declare under our sole responsibility that the following apparatus:

Description	Battery Pack
Manufacturer	LG Energy Solution, Ltd.
Brand	LG Energy Solution
Restrictive use	Indoor / Outdoor

<Identification>

Model	RESU FLEX 8.6	RESU FLEX 12.9	RESU FLEX 17.2
Battery Type	RESU FLEX Secondary Li-ion		
Nominal Voltage	235 Vdc	352 Vdc	470 Vdc
Capacity	37.0 Ah	37.0 Ah	37.0 Ah
Energy	8.6 kWh	12.9 kWh	17.2 kWh

Confirms with this product is in conformity with the essential requirements of the following legislation :

Legislation	Title
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2014/35/EU 2014/30/EU 2014/53/EU	Low Voltage Directive Electro Magnetic Compatibility Directive Radio Equipment Directive
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For evaluation of compliance, the following specification was applied :

2014/35/EU	EN62477-1:2012+A11:2014
2014/30/EU	EN 61000-6-3:2007/A1:2011 EN 61000-6-1:2007
2014/53/EU	Article 3(1)(b) ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.1.1
	Article 3(2) ETSI EN 300 328 V2.2.2 (2019-07)
	Article 3(1)(a) EN 62311: 2008

The Technical documentation is kept at the following address:

Company	LG Energy Solution, Ltd
Address	188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA

I hereby declare that the product named above has been designed to comply with the relevant sections of the above referenced specification. The product complied with all relevant essential requirements.

Serial Number : AABBCCDDDD

- AA : Year
- BB : Month
- CC : Day
- DDDD : Lot. Number

This declaration of conformity is issued under the sole responsibility of the Manufacturer.



Global Standard Certification Team

Dae-Ho Nam / Team Leader

A handwritten signature in black ink, appearing to read 'Dae-Ho Nam', written in a cursive style.

December 15, 2021

Daejeon, Rep. of Korea

## EU Declaration of Conformity

We, the undersigned,

Manufacturer	LG Energy Solution, Ltd.
Address	188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA

Certify and declare under our sole responsibility that the following apparatus:

Description	Battery Pack
Manufacturer	LG Energy Solution, Ltd.
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Nominal Voltage	235 Vdc	352 Vdc	470 Vdc
Capacity	37.0 Ah	37.0 Ah	37.0 Ah
Energy	8.6 kWh	12.9 kWh	17.2 kWh

Confirms with this product is in conformity with the essential requirements of the following legislation :

Legislation	Title
2014/35/EU	Low Voltage Directive

For evaluation of compliance, the following specification was applied :

LVD	EN62477-1:2012+A11:2014
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The Technical documentation is kept at the following address:

Company	LG Energy Solution, Ltd
Address	188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA

I hereby declare that the product named above has been designed to comply with the relevant sections of the above referenced specification. The product complied with all relevant essential requirements.

Global Standard Certification Team

Dae-Ho Nam / Team Leader



December 15, 2021  
Daejeon, Rep. of Korea