

ATTESTATION OF CONFORMITY

Issued to: Poweroad Renewable Energy Co., Ltd.
Building 7-1, No.1068, Jimei North Avenue, Jimei District, 361023 Xiamen City
Fujian, China.

For the product: Li-ion Battery Energy Storage System



Trade name:

Type/Model: FLEX-233L05/M5P50, FLEX-233L05/M5P63, FLEX-233L05/M5P80,
FLEX-233L05/M5P100, FLEX-233L05/M5P120, FLEX-233L10/M5P120

Ratings: See Annex

Manufactured by: Poweroad (Xiamen) ESS Engineering Technology Co., Ltd.
Building 7-1, No.1068, Jimei North Avenue, Jimei District, 361023 Xiamen City
Fujian, China.

Subject: Complete evaluation of electrical system of the appliances

Requirements: IEC 61000-6-2:2016,
EN IEC 61000-6-2:2019;
IEC 61000-6-4:2018,
EN IEC 61000-6-4:2019

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no. 6215785.54

This Attestation implies that the examined types are in accordance with the standards designated under the Electromagnetic compatibility directive 2014/30/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This document does not authorize the use of any DEKRA approved mark.

Arnhem, 24 March 2025

Number: 6215785.05AOC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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Annex

Document no. : Attestation Number: 6215785.05AOC

Specification of the product:

Type	FLEX- 233L05/M5P 50	FLEX- 233L05/M5P 63	FLEX- 233L05/M5P 80	FLEX- 233L05/M5P 100	FLEX- 233L05/M5P 120	FLEX- 233L10/M5P 120
AC grid:						
Pole	3L / N / PE	3L / N / PE	3L / N / PE	3L / N / PE	3L / N / PE	3L / N / PE
Rated Voltage	400 Vac	400 Vac	400 Vac	400 Vac	400 Vac	400 Vac
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Max. Current	80 A	100 A	130 A	167 A	173 A	173 A
Rated Power	50 kW	63 kW	80 kW	100 kW	120 kW	120 kW
Battery:						
Rated Energy	233 kWh	233 kWh	233 kWh	233 kWh	233 kWh	233 kWh
Rated Voltage	832 Vdc	832 Vdc	832 Vdc	832 Vdc	832 Vdc	832 Vdc
Operating Voltage Range	728 – 936 Vdc	728 – 936 Vdc	728 – 936 Vdc	728 – 936 Vdc	728 – 936 Vdc	728 – 936 Vdc
Max. Charging Current	157 A	157 A	157 A	157 A	157 A	157 A
Max. Discharging Current	157 A	157 A	157 A	157 A	157 A	157 A

End