

ATTESTATION OF CONFORMITY

DEKRA

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

For the product: Li-ion Battery Energy Storage System



Trade name:

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

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: EN 62477-1:2012 + A11:2014 + A1:2017 + A12:2021

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 4914908.51.

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/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, 22 April 2025

Number: 4914908.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.,
Guangzhou Branch

A handwritten signature in blue ink, appearing to read 'Miranda Zhou'.

Miranda Zhou
Certification Manager

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Annex

Document no. : 4914908.02AOC

Ratings:

Model list						
Type/model	FLEX-233L10/M5P120	FLEX-233L05/M5				
		P120	P100	P80	P63	P50
DC Nominal Voltage (V)		832				
DC Voltage Range (Vdc)		728 ~ 936				
Rated capacity (Ah)		280				
Rated Energy (kWh)		232,960				
Rated charging current (A)	280	140				
Rated AC Output Power (kW)	120	100	80	63	50	
Max AC Input Current (A)	173	167	130	100	80	
Standard charging temperature range		-30 °C to 50 °C				
Standard discharging temperature range		-30 °C to 50 °C				
Weight (approx., kg)		2650				
Dimension (L*W*H, mm)		1350*1300*1965 (rings 2045)				

End