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:	POWEROAD
Type/Model:	FLEX-215A05/M15P100, FLEX-215A05/M15P80 FLEX-215A05/M15P63, FLEX-215A05/M15P50
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 62477-1:2012, IEC 62477-1:2012/AMD1:2016 EN 62477-1:2012, EN 62477-1:2012/AMD1:2017

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. 6187917.51

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, 10 October 2024 Number: 6187917.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin
Certification Manager

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Annex

Document no. : 6187917.02AOC

Ratings:

Model	FLEX-215A05/M15P50	FLEX-215A05/M15P63	FLEX-215A05/M15P80	FLEX-215A05/M15P100
AC input ratings (from Grid)				
Rated input power (kW)	50	63	80	105
Rated input voltage (V)	3L / N / PE, 230 / 400V			
Rated input frequency (Hz)	50 / 60			
Max input current (A)	80	100	130	167
AC output ratings (to Grid)				
Rated output power (kW)	50	63	80	105
Rated output voltage (V)	3L / N / PE, 230 / 400V			
Rated output frequency (Hz)	50 / 60			
Max output current (A)	80	100	130	167
Battery ratings				
Battery type	Li-ion			
Battery voltage range (V)	648 - 864			
Max charge/discharge current (A)	167 / 167			
Nominal Energy (kWh)	215			
General Data				
Protective class	Class I			
Ingress protection (IP) rating	IP55			
Operating temperature	-30 ~ 45°C			
Altitude (m)	2000			
Dimension (W*D*H, mm)	1600 * 1135 * 2240			
Max weight (kg)	2200			

End