

ATTESTATION OF CONFORMITY

Issued to: Sigenergy Technology Co. Ltd.
Building12-2, 678 Yunqiao Road, China (Shanghai) Pilot Free Trade Zone, Pudong
New Area, Shanghai, China

For the product: Solar-Storage System

Trade name:  SIGENERGY

Type/Model: SigenMate 2700 Ultra: SigenMate Ultra-1, SigenMate Ultra-2, SigenMate Ultra-3, SigenMate Ultra-4, SigenMate Ultra-5, SigenMate Ultra-6; SigenMate 2700 Ultra+: SigenMate Ultra+ -1, SigenMate Ultra+ -2, SigenMate Ultra+ -3, SigenMate Ultra+ -4, SigenMate Ultra+ -5, SigenMate Ultra+ -6; SigenMate 2700 Ultra AC: SigenMate AC-1, SigenMate AC-2, SigenMate AC-3, SigenMate AC-4, SigenMate AC-5, SigenMate AC-6, SigenMate 2700 Ultra+ AC: SigenMate+ AC-1, SigenMate+ AC-2, SigenMate+ AC-3, SigenMate+ AC-4, SigenMate+ AC-5, SigenMate+ AC-6
Expansion Battery: SigenMate BAT 2700

Ratings: See annex.

Manufactured by: Sigenergy Technology Co. Ltd.
Building12-2, 678 Yunqiao Road, China (Shanghai) Pilot Free Trade Zone, Pudong
New Area, Shanghai, China

Subject: Complete evaluation of electrical system of the appliances

Requirements: IEC 62109-1:2010, IEC 62109-2:2011, IEC 62477-1:2022
EN 62109-1:2010, EN 62109-2:2011, EN IEC 62477-1:2023

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 6241701.50(A-C).

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

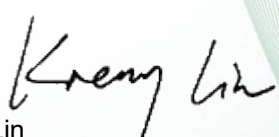
The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of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

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

Arnhem, 2 June 2026

Number: 6241701.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

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X:the number of external battery pack , ranging from 1~6	SigenMate 2700 Ultra/ SigenMate Ultra - X	SigenMate 2700 Ultra+/ SigenMate Ultra+ - X	SigenMate 2700 Ultra AC/ SigenMate AC - X	SigenMate 2700 Ultra+ AC SigenMate + AC - X
PV input				
Max. PV power W	4000		-	
Max. DC input voltage V	60		-	
Start-up voltage V	16		-	
MPPT voltage range V	16-60		-	
Number of MPP. trackers	4		-	
Number of PV strings per MPPT	2		-	
Max. input current per MPPT A	32		-	
Max. short-circuit current per MPPT A	44		-	
AC Output (on-grid)				
Nominal output power W	800	1400	800	1400
Max. output apparent power VA	800	1400	800	1400
Nominal output current A	3,5	6,4	3,5	6,4
Nominal output voltage VAC	220/230/240			
Nominal output frequency Hz	50/60			
Power factor	0,8leading~0,8lagging			
Total voltage harmonic distortion	THDv < 3%			
AC Output (backup)				
Nominal output power W	1400			
Max AC Bypass Output Power W	3600			
Peak output power(10 seconds) W	1800			
Max. parallel output power (2pcs) W	2800			
Max. parallel output power (3pcs) W	3600			
Nominal output voltage VAC	220/230/240			
Nominal output frequency Hz	50/60			
Power factor	0,8leading~0,8lagging			
Total voltage harmonic distortion	THDv < 3%			
Internal Battery				
Battery type	LiFePO4			
Cell capacity Ah	105			
capacity kWh	2,688+X*2,688			
Max. charge power W	1800			
Max. discharge power W	1400			
Expansion Battery				
SigenMate BAT 2700				
Battery type	LiFePO4			
Cell capacity Ah	105			
capacity kWh	2,688			
Max. charge power W	1800			
Max. discharge power W	1800			
General Data				
Dimensions (W / H / D) mm	460 / 215 / 225			
Weight Kg	<25			
Storage temperature range°C	-30~65			
Operating temperature range°C	-20~55			
Relative humidity range	0%~100%			
Max. operating altitude m	4000			
System ingress protection rating	IP66			

END