

Certificate of Conformity (COC)



Certificate Holder : Shenzhen Megarevo Technology Co., Ltd.
Building 2, Winlead, Shutianpu Community, Matian Street, Guangming District, Shenzhen,
Guangdong, China

Date of Original Issue : 2024-06-05


Date of Last Revision : --

Date of Expiry : 2027-06-04

Certificate Number : PCS-24-1071

Product : Hybrid Inverter

Ratings : See appendix on page 2

Brand/Trademark : 

Model : MPS0500, MPS0250

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch

Testing Report : SUEE240500006251

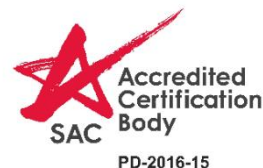
Test Standard : EN 50549-1: 2019



This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in generating of type plants B to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1:2019.

Christopher Hee
Certification Officer
SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957



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APPENDIX

Certificate Number: PCS-24-1071

Model	MPS0250	MPS0500
Input DC data (PV side)		
Max. PV input voltage	1000Vdc	
Mppt input voltage	250-850Vdc	
Max. input current	120A*5/120A*6	120A*10/120A*11/120A*12
Isc PV	130A*5/130A*6	130A*10/130A*11/130A*12
Input DC data (Battery side)		
Max. charging voltage	850V	
Nominal battery voltage	420-850V	500V-850V
Max. charging/ discharging current	675A	1128A
Output AC data (Grid side)		
Nominal grid voltage	3P/N/PE, 400V	
Nominal grid frequency	50Hz	
Nominal AC power	250kW	500kW
Max. Apparent output power	275kVA	550kVA
Rated. output current	361A	722A
Max. output current	397A	794A
Output power factor	-0.99 ~ 0.99 (adjustable+/-0.8)	
General data		
Operating temperature range	-30~+60 °C	
Protection degree	IP20	
Protective class	class I	



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