



CERTIFICATE of Conformity EU Council Directive 2014/30/EU Electromagnetic Compatibility

Certificate No. : AT1811C500124126

Report No. : 1811C50012412601

Applicant : Zhejiang Chisage New Energy Technology Co., Ltd.

Address : No.1828, Fuqing South Road, Panhuo Street, Yinzhou District, Ningbo City, Zhejiang Province, China

Product Name : Hybrid inverter

Date : Mar. 04, 2025

Model No. : Merc-60G1-HE, Merc-20G1-HE, Merc-25G1-HE, Merc-29.9G1-HE, Merc-30G1-HE, Merc-35G1-HE, Merc-40G1-HE, Merc-50G1-HE

Trade Mark : N/A

Rating : See Page 2

Test Standards : EN IEC 61000-6-3: 2021
EN IEC 61000-3-2: 2019+A1:2021
EN 61000-3-3: 2013+A2:2021
EN IEC 61000-6-1: 2019

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex II of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to Article 15 of the Directive.



Certified by

KingKong Jin
KingKong Jin



The CE Marking may only be used if all relevant and effective EU Directives are complied with



Shenzhen Anbotek Compliance Laboratory Limited
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Attachment:

Rating:

Model	Merc-60G1-HE
Product Type	Hybrid Inverter
PV Input	
MAX. PV Input Voltage	1000Vdc
MPPT Input Range	200Vd.c.-850Vd.c.
PV Input Current	5*36Ad.c.
Max.PV Input Power	78000W
Max.PV Isc	5*55Ad.c.
AC Input	
AC Input Voltage	3L/N/PE 230/400Va.c.
AC Input Frequency	50/60Hz
AC Input Rated Current	87Aa.c.
Battery	
Battery Voltage	160~800Vd.c.
Battery Charge/Discharge Current	100Ad.c. Max
AC Output(Stand Alone)	
AC Output Voltage	3L/N/PE 230/400Va.c.
AC Output Frequency	50/60Hz
AC Output Rated Current	87Aa.c.
Max.AC Output Current	130.4Aa.c.Max
AC Output Rated Power	60000W
Max. Apparent Power	66000VA
Max.Continuous AC Passthrough	200Aa.c.
Peak Output Power	1.5 times of rated power, 10s
AC Output(Utility-Interactive)	
AC Output Voltage	3L/N/PE 230/400Va.c.
AC Output Frequency	50/60Hz
AC Output Rated Current	87Aa.c.
Max.AC Output Current	104.3Aa.c.Max
AC Output Rated Power	60000W
Max.Apparent Power	72000VA
AC Output Power Factor	0.8 leading to 0.8lagging
Others	
Ingress Protection	IP65
Ambient Temperature	-45~60°C (>45°C derating)
Operation Altitude	2000m
Protective Class	Class I
Over Voltage Category	III (Main), II (PV)
Inverter topology	Non-isolated

This Grid support interactive inverter complies with
IEC/EN 62109-1, IEC/EN 62109-2