CERTIFICATE

CERTIFICATE

Of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AT18360SC300169

Report No.: 18360SC30016901

Applicant	:	Zhejiang Chisage New Energy Technology Co., Ltd.
Address	:	No.1828, Fuqing South Road, Panhuo Street, Yinzhou District, Ningbo City, Zhejiang Province, China, 315000
Product	:	Hybrid inverter
Model No.	:	Mars-14G1-LE, Mars-12G1-LE, Mars-10G1-LE
Trade Mark	:	CHISAGE ESS
Rating	:	See attachment of Rating
Test Standards	:	EN 62109-1:2010 , EN 62109-2:2011

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 Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. The certificate does not imply assessment of the series-production of the product. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity specified in Article 15 and Annex IV of the Directive.

Oct.31, 2023
Date

Shenzhen Anbotek Compliance Laboratory Limited * Approved *

Certified by

Jeff Zhu

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

Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building D, Sogood Science and Technology Park, Sanwei community,Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102
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Anbotek Product Safety

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Attachment of Rating

Rating : Mars-14G1-LE:

PV Input
PV Input Voltage: 650V(160V-800V)d.c.
MPPT Input Range: 200Vd.c.-700Vd.c.
PV Input Current Max.: 26Ad.c.+17Ad.c.
PV Input Power Max.: 20000W
PV Isc: 34Ad.c.+20Ad.c.

AC Input
AC Input Voltage: 3L/N/PE 230/400Va.c.
AC Input Frequency: 50/60Hz
AC Input Rated Current: 20.3Aa.c.
Battery Voltage: 48Vd.c.(40V-60V)
Battery Charge/Discharge Current: 280Ad.c.Max

AC Output(Stand Alone)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 20.3Aa.c.
Max AC Output Current: 26.4Aa.c.
AC Output Rated Power: 14000W
Max. Apparent Power: 15400VA
Max. Continuous AC Passthrough: 50Aa.c.
Peak Output Power: 25200W 10Seconds

AC Output(Utility-Interactive)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 20.3Aa.c.
Max.AC Output Current: 22.3Aa.c.Max
AC Output Rated Power: 14000W
Max.Apparent Power: 15400VA
AC Output Power Factor: 0.8 leading to 0.8lagging
Max.AC Isc: 75Aa.c
Protective class I
Overvoltage category: III(AC), II(DC)

Shenzhen Anbotek Compliance Laboratory Limited * Approved *

Certified by

Oct.31, 2023
Date

Jeff Zhu

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Attachment of Rating

Rating : Mars-12G1-LE:

PV Input
PV Input Voltage: 650V(160V-800V)d.c.
MPPT Input Range: 200Vd.c.-700Vd.c.
PV Input Current Max.: 26Ad.c.+17Ad.c.
PV Input Power Max.: 18000W
PV Isc: 34Ad.c.+20Ad.c.

AC Input
AC Input Voltage: 3L/N/PE 230/400Va.c.
AC Input Frequency: 50/60Hz
AC Input Rated Current: 17.4Aa.c.
Battery Voltage: 48Vd.c.(40V-60V)
Battery Charge/Discharge Current: 250Ad.c.Max

AC Output(Stand Alone)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 17.4Aa.c.
Max AC Output Current: 26.1Aa.c.
AC Output Rated Power: 12000W
Max. Apparent Power: 13200VA
Max. Continuous AC Passthrough: 50Aa.c.
Peak Output Power: 24000W 10Seconds

AC Output(Utility-Interactive)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 17.4Aa.c.
Max.AC Output Current: 19.1Aa.c.Max
AC Output Rated Power: 12000W
Max.Apparent Power: 13200VA
AC Output Power Factor: 0.8 leading to 0.8lagging
Max.AC Isc: 75Aa.c
Protective class I
Overvoltage category: III(AC), II(DC)

Certified by

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Attachment of Rating

Rating : Mars-10G1-LE:

PV Input
PV Input Voltage: 650V(160V-800V)d.c.
MPPT Input Range: 200Vd.c.-700Vd.c.
PV Input Current Max.: 26Ad.c.+17Ad.c.
PV Input Power Max.: 15000W
PV Isc: 34Ad.c.+20Ad.c.

AC Input
AC Input Voltage: 3L/N/PE 230/400Va.c.
AC Input Frequency: 50/60Hz
AC Input Rated Current: 14.5Aa.c.
Battery Voltage: 48Vd.c.(40V-60V)
Battery Charge/Discharge Current: 220Ad.c.Max

AC Output(Stand Alone)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 14.5Aa.c.
Max AC Output Current: 21.7Aa.c.
AC Output Rated Power: 10000W
Max. Apparent Power: 12000VA
Max. Continuous AC Passthrough: 50Aa.c.
Peak Output Power: 20000W 10Seconds

AC Output(Utility-Interactive)
AC Output Voltage: 3L/N/PE 230/400Va.c.
AC Output Frequency: 50/60Hz
AC Output Rated Current: 14.5Aa.c.
Max.AC Output Current: 17.3Aa.c.Max
AC Output Rated Power: 10000W
Max.Apparent Power: 12000VA
AC Output Power Factor: 0.8 leading to 0.8lagging
Max.AC Isc: 75Aa.c
Protective class I
Overvoltage category: III(AC), II(DC)

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