

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50630539 0001

Berichtsnummer Report No.:

CN23MCVV 001

Genehmigungsinhaber License Holder:

Shenzhen Yunt Digital Power Co., Ltd
3rd floor, Building 1, No.15 Tianbao
Road, Yingrenshi Community, Shiyan Street, Baoan
District,
Shenzhen
Guangdong
P.R. China

Fertigungsstätte Manufacturing Site:

Shenzhen Yunt Digital Power Co., Ltd
Building 1, No.15 Tianbao Road,
Yingrenshi Community, Shiyan Street, Baoan District,
Shenzhen
Guangdong
P.R. China

Prüfzeichen Test Mark:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111285291

Geprüft nach Tested according to:

IEC 62477-1:2012+A1
EN 62477-1:2012+A11+A1+A12

Geräteidentifikation
Product Identification
Produkt:
Product:

Converter
(Power Conversion System)

Modell:
Type:

Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten:
Technical Data:

Technical data(s) are listed on the next page(s)
ANLAGE (Appendix): 1

Gültig ab:
Valid from:

2024-05-15

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2024-05-15

A. Chen



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50630539 0001

Berichtsnummer Report No.:

CN23MCVV 001

Produkt Product: Converter
(Power Conversion System)

Modell Type: **Bezeichnung Designation:**
1) Mars-100KT, 2) Mars-110KT,
3) Mars-125KT

Vmax BATTERY Voltage [Vd.c.] : 1000
Max. Charge/Discharge Current [Ad.c.] : 1)173 2)190 3)216
Battery Voltage Range [Vd.c.] : 580-1000(off grid: 680-1000)

Rated Input/Output Voltage [Va.c.] : 230/400V, 3W+N+PE
Rated Input/Output Freq. [Hz] : 50/60
Max. Input/Output Current [Aa.c.] : 1)174 2)192 3)217
Rated Input/Output Power [kW] : 1)100 2)110 3)125
Max. Input/Output Apparent Power [kVA] : 1)120 2)132 3)150
Power Factor Range : 1.0Leading - 1.0Lagging

Type of inverter : Transformerless
Overvoltage Category(OVC) : II for battery Side
III for AC Mains
Protective Class : Class I
Hardware Version : V02
Firmware Version : 300
Ingress Protection (IP) : IP20
Pollution Degree (PD) : PD2
Altitude [m] : ≤ 4000
Operating Temperature Range [°C] : -40 to +60(> 45 derating)

Remark(s):The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50630543 0001
Report No.: CN23MCVV 001
Holder: Shenzhen Yunt Digital Power Co., Ltd
3rd floor, Building 1, No.15 Tianbao
Road, Yingrenshi Community, Shiyao Street, Baoan District,
Shenzhen
Guangdong
P.R. China
Product: Converter
(Power Conversion System)

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date: 2024-05-15

Certification Body



A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

CERTIFICATE

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50630543 0001

Product: Converter
(Power Conversion System)

Identification: Type Designation
Mars-100KT, Mars-110KT, Mars-125KT

Remark: Issued in conjunction with TÜV Rheinland
license R 50630539 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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