

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50637453 0001

Berichtsnummer Report No.:

CN24UOJK 001

Genehmigungsinhaber License Holder:

Hoymiles Power Electronics Inc.
No.18 Kangjing Road,
Hangzhou,
310015 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Site:

Hoymiles Power Electronics Inc.
No. 149 Kangzhong Road,
Hangzhou,
310015 Zhejiang
P.R. China

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification

Produkt: Energy Storage system
Product: (Microinverter Energy Storage System)

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

Technische Daten: Refer to next page(s)
Technical Data: ANLAGE (Appendix): 1.0

Gültig ab: 2024-07-25
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2024-07-25
Date of issue:


Dean Cao



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

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50637453 0001

Berichtsnummer Report No.:

CN24UOJK 001

Produkt Product: Energy Storage system
(Microinverter Energy Storage System)

Modell Type: **Bezeichnung Designation:**
MS-A2-FX

For Output (On-Grd Port)

Nominal output apparent power[VA]: 800
 Nominal AC voltage [V] : 230 single phase
 Nominal AC voltage range [V] : 180-270
 Nominal AC frequency[Hz] : 50
 Nominal AC frequency range[Hz] : 45-55
 Maximum output current [A] : 3.48
 Power Factor : [-0.8, 0.8]

For AC Input and Output (Off-Grid port)

Maximum output apparent power[VA]: 800
 Nominal AC voltage [V] : 230, single-phase
 Nominal AC frequency[Hz] : 50
 Maximum output current [A] : 3.48
 Maximum input power [W] : 1800
 Maximum input current [A] : 7.83

For Battery side (internal)

Capacity [Wh] : 2240
 Battery type : LiFePO4
 Life cycles : ≥ 6000
 Charging temperature [$^{\circ}\text{C}$] : 0 to 55 (> 45 derating)
 Discharging temperature [$^{\circ}\text{C}$] : -20 to 55 (> 45 derating)
 Nominal apparent power[W] : 1000(charge and discharge)
 Nominal voltage [Vd.c.] : 22.4

General information

Protective Class : Class I
 Overvoltage Category (OVC) : II
 Ingress Protection (IP) : IP65
 (AC off-grid socket is rated at IP44)
 Pollution degree (PD) : PD3
 Altitude [m] : 2000
 Type of Inverter : DC and AC with transformer isolated.

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.

