

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50620688 0001

Berichtsnummer Report No.:

CN232MID 001

Genehmigungsinhaber License Holder:

Shenzhen Senergy Technology
Co., Ltd.
Block D, BC Park, No.18,
Xiusha Rd., Shatian, Kengzi
Sub-district, Pingshan District,
Shenzhen 518112,
P.R. China

Fertigungsstätte Manufacturing Site:

Shenzhen Senergy Technology
Co., Ltd.
Block D, BC Park, No.18,
Xiusha Rd., Shatian, Kengzi
Sub-district, Pingshan District,
Shenzhen 518112,
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: (ESS Inverter)

Modell: Modelle sind auf nächste(r) Seite(n) gelistet

Type: Type designation(s) are listed on the next page(s)

Technische Daten: Technical data(s) are listed on the next page(s)

Technical Data: ANLAGE (Appendix): 1

Gültig ab: 2024-03-14

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2024-03-14

Date of issue:

Tongle Lee



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.

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Produkt Product: Energy Storage System
(ESS Inverter)

Modell Type:
Bezeichnung Designation:

SE 4K6AC, SE 5KAC, SE 6KAC

Battery Rated Voltage [V d.c.] : 48

Battery Voltage Range [V d.c.] : 40 to 60

Battery Max Charging/Discharging Current [A d.c.]:
100/100, 100/100, 120/120

AC Rated Input Volt. [V a.c.] : 220/230

AC Rated Input Freq. [Hz] : 50/60

AC Max. Input Current. [A a.c.] : 41

Grid Rated Output Volt. [V a.c.] : 220/230

AC Rated Input Freq. [Hz] : 50/60

AC Max. Input Current. [A a.c.] : 41

Grid Rated Output Volt. [V a.c.] : 220/230

Grid Rated Output Freq. [Hz] : 50/60

Grid Rated Output Current. [A a.c.] : 22/25/27.2

Grid Rated Output Power. [kW] : 4.6/5/6

Off Grid Rated Output Volt. [V a.c.]: 230

Off Grid Rated Output Freq. [Hz] : 50/60

Off Grid Rated Output Power. [kW] : 4.6/5/6

Off Grid Rated Output Current. [A a.c.]: 20/21.7/26

Off Grid Power Factor : 1

Overvoltage Category (OVC) : III for AC mains

Protective Class : Class I

Enclosure Protection (IP) : IP65

Operating Temperature Range [°C] : -25 to +60 (>45 derating)

Pollution degree (PD) : PD3

Altitude[m] : 4000

Operating Temperature [°C] : -25 to 60 (>45 derating)

Type of inverter : Non-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.

