

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50680911 0001

Berichtsnummer Report No.:

CN2588CC 001

Genehmigungsinhaber License Holder:

GoodWe Technologies Co., Ltd.

No.90 Zijin Rd., New District

215011 Suzhou

P.R. China

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten

Listing of 2 factories on following pages
Prüfzeichen Test Mark:

Geprüft nach Tested according to:

EN 62109-1:2010

IEC 62109-1:2010

EN 62109-2:2011

IEC 62109-2:2011

Geräteidentifikation
Product Identification
Produkt:

Energy Storage System

Product:

(Residential All-In-One 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 the next page(s)

Technical Data:

ANLAGE (Appendix): 1.0

Gültig ab:

2025-06-11

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2025-06-12

Date of issue:

Bowen Dong



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
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Produkt *Product:*

 Energy Storage System
 (Residential All-In-One Energy Storage System)

Modell *Type:*
Bezeichnung *Designation:*

 1) GW0.8/1.9-ESA-PS-G10 , 2) GW0.8/3.8-ESA-PS-G10 ,
 3) GW0.8/5.7-ESA-PS-G10 , 4) GW0.8/7.6-ESA-PS-G10 ,
 5) GW0.8/9.6-ESA-PS-G10

For PV input data : See below
 Maximum PV Input voltage [Vd.c.] : 60
 Maximum PV short-circuit current [Ad.c.]: 20/20/20/20
 Maximum PV input current [Ad.c.] : 18/18/18/18
 Full Power MPPT Operating Range [Vd.c.] : 33.3 to 48

For AC input/output data : See below
 Nominal AC input/output power[W] : 1500/800
 AC Nominal voltage [Va.c.] : 220,230,240(L/N/PE)
 Nominal frequency[Hz] : 50/60
 Maximum input/output current [Aa.c.] : 3.6A@220Vac,
 3.5A@230Vac,
 3.3A@240Vac
 Power Factor (full load) : [-0.8, 0.8]

For backup AC output data : See below
 Nominal AC output power[W] : 1500
 AC Nominal voltage [Va.c.] : 220,230,240(L/N/PE)
 Nominal frequency[Hz] : 50/60
 Maximum output current [Aa.c.] : 6.8

For Battery side : See below
 Battery type : LiFePO4
 Rated Energy [Wh] : 1)1920, 2)3840,
 3)5760, 4)7680, 5)9600
 Voltage Range [Vd.c.] : 52 to 56
 Maximum Input current [Ad.c.] : 1) 30, 2) 45,
 3) 45, 4) 45, 5) 45
 Maximum Output current [Ad.c.] : 1) 30, 2) 30,
 3) 30, 4) 30, 5) 30

General information :
 Ingress protection : IP65
 Operating temperature[°C] : -20 to 55
 (>35 de-rating)
 Protective Class : Class II
 Overvoltage Category (OVC) : II for DC, II for AC
 Pollution degree (PD) : PD2(inside), PD3(outside)

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(Residential All-In-One Energy Storage System)**Modell** *Type:***Bezeichnung** *Designation:*

Altitude [m]

: 3000

Isolation Method

: Transformer

Remark(s)

:

The installation has to be carried out according to the installation instruction specified by the manufacturer.
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Produkt *Product:*

Energy Storage System (Residential All-In-One Energy Storage System)

Fertigungsstätten *Factories:*

- 1 GoodWe (GuangDe) Power Supply
Technology Co., Ltd
No.8, Dongting Rd., Guangde Economic
Development Zone
Anhui
P.R. China
- 2 GoodWe (GuangDe) Power Supply
Technology Co., Ltd.
No. 208, Tong Rui East Road
Guangde
Anhui
P.R. China

