



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/24/SH/00162

Contract Number: 800923

Certificate Project Number: SH-CERT240301852

Certified Product:

Energy Storage System

Trademarks:

GOODWE, GE

Model(s):

Models marked with "GOODWE"

H-DF series: H-DF9600, H-DF8600, H-DF7600, H-DF7000,
H-DF6000, H-DF5000

A-EF series: A-EF9600, A-EF8600, A-EF7600, A-EF7000, A-EF6000, A-EF5000

A-BF series: A-BF9600, A-BF8600, A-BF7600, A-BF7000, A-BF6000, A-BF5000

A-IF series: A-IF9600, A-IF8600, A-IF7600, A-IF7000, A-IF6000, A-IF5000

Models marked with "GE"

GEHF series: GEHF9.6-US10, GEHF8.6-US10, GEHF7.6-US10,

GEHF7.0-US10, GEHF6.0-US10, GEHF5.0-US10

GECF series: GECF9.6-US10, GECF8.6-US10, GECF7.6-US10,

GECF7.0-US10, GECF6.0-US10, GECF5.0-US10

Technical Data:

See Page 2-5

Certificate Holder:

GoodWe Technologies Co., Ltd.

No.90 Zijin Rd., New District, Suzhou, 215011, Jiangsu, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

ANSI/CAN/UL 9540:2023, Third Edition, Dated June 28, 2023

Authorized by:

Effective date: 16 May 2024



Jason Wei
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com



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Additional Information:

Electrical Ratings:

H-DF Series: H-DF9600, H-DF8600, H-DF7600, H-DF7000, H-DF6000, H-DF5000

PCS part: GW9600H-ES, GW8600H-ES, GW7600H-ES, GW7000H-ES, GW6000H-ES, GW5000H-ES

AC side: 240Vac (on-grid), 120V/240Vac (off-grid), 40A / 35.8A / 31.7A / 29.2A / 25.0A / 20.8A (discharge), 40A / 40A / 38A / 35A / 30A / 25A (Charge), 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 25Amax*2

PV side: 80-550Vdc (600Vmax), 12.5Amax per MPPT (MPPT no.=4 and/or 2)

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax, Charge / discharge temperature: 0~50°C / -15~50°C, IP55, Max. 4 in parallel

AC Grid Sync part: Model # GW1000G-AC

120V/240Vac, 200Amax, 60Hz, -20 °C to 50 °C, Type 4X

DC Microgrid Sync part: Model # GW1000G-DC

600Vdc/40A/15KW max, -20 °C to 50 °C, Type 4X

Isolation-Transformer part:

Model # GW9600G-TF / GW5000G-TF

Primary: 240V/60Hz

Secondary: 0~120Vac/240Vac, 60Hz, 42.51A/21.6Amax,

-20~50 °C, Type 4X

Auto-Transformer part: Model # GW9600A-TX

Primary: 240V/60Hz

Secondary: 0~120Vac/240Vac, 60Hz, 20.8Amax, -20~50 °C, Type 4X

Modular Energy Controller part: Model # GW1000G-EC

Input Voltage 250V-600V, Output Voltage 12V, -20~50 °C, Type 4X

PV Aux Power part: Model # GW1000G-PV

Input Voltage Range 254~780Vdc, 0.4A

Output Voltage 12V, 5A, 60W, -20~50 °C, Type 4X

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Electrical Ratings:

A-EF Series: A-EF9600, A-EF8600, A-EF7600, A-EF7000, A-EF6000, A-EF5000

PCS part: GW9600A-ES, GW8600A-ES, GW7600A-ES, GW7000A-ES, GW6000A-ES, GW5000A-ES

AC side: 240Vac (on-grid), 120V/240Vac (off-grid), 40A / 35.8A / 31.7A / 29.2A / 25.0A / 20.8A (discharge), 40A / 40A / 38A / 35A / 30A / 25A (Charge), 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 50Amax

PV side: 80-550Vdc (600Vmax), 12.5Amax per MPPT (MPPT no.=4 and/or 2)

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax,

Charge / discharge temperature: 0~50°C / -15~50°C, IP55,

Max. 4 in parallel

A-BF Series: A-BF9600, A-BF8600, A-BF7600, A-BF7000, A-BF6000, A-BF5000

PCS part: GW9600A-BP, GW8600A-BP, GW7600A-BP, GW7000A-BP, GW6000A-BP, GW5000A-BP

AC side: 240Vac (on-grid), 120V/240Vac (off-grid), 40A / 35.8A /

31.7A / 29.2A / 25.0A / 20.8A (discharge), 40A / 40A / 38A / 35A / 30A / 25A (Charge), 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 50Amax

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax,

Charge / discharge temperature: 0~50°C / -15~50°C, IP55,

Max. 4 in parallel

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Electrical Ratings:

A-IF Series: A-IF9600, A-IF8600, A-IF7600, A-IF7000, A-IF6000, A-IF5000

PCS part: GW9600A-IS, GW8600A-IS, GW7600A-IS, GW7000A-IS, GW6000A-IS, GW5000A-IS

AC side: 120V/240Vac (off-grid), 40A / 35.8A / 31.7A / 29.2A / 25.0A / 20.8A, 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 50Amax

PV side: 80-550Vdc (600Vmax), 12.5Amax per MPPT (MPPT no.=4 and/or 2)

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax,

Charge / discharge temperature: 0~50°C / -15~50°C, IP55,

Max. 4 in parallel

GEHF Series: GEHF9.6-US10, GEHF8.6-US10, GEHF7.6-US10, GEHF7.0-US10, GEHF6.0-US10, GEHF5.0-US10

PCS part: GEH9.6-1U-US10, GEH8.6-1U-US10, GEH7.6-1U-US10, GEH7.0-1U-US10, GEH6.0-1U-US10, GEH5.0-1U-US10

AC side: 240Vac (on-grid), 120V/240Vac (off-grid), 40A / 35.8A / 31.7A / 29.2A / 25.0A / 20.8A (discharge), 40A / 40A / 38A / 35A / 30A / 25A (Charge), 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 50Amax

PV side: 80-550Vdc (600Vmax), 12.5Amax per MPPT (MPPT no.=4 and/or 2)

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax,

Charge / discharge temperature: 0~50°C / -15~50°C, IP55,

Max. 4 in parallel

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Electrical Ratings:

GECF Series: GECF9.6-US10, GECF8.6-US10, GECF7.6-US10, GECF7.0-US10, GECF6.0-US10, GECF5.0-US10

PCS part: GEC9.6-1U-US10, GEC8.6-1U-US10, GEC7.6-1U-US10, GEC7.0-1U-US10, GEC6.0-1U-US10, GEC5.0-1U-US10

AC side: 240Vac (on-grid), 120V/240Vac (off-grid), 40A / 35.8A / 31.7A / 29.2A / 25A / 20.8A (discharge), 40A / 40A / 38A / 35A / 30A / 25A (Charge), 60Hz, PF 0.8cap-0.8ind

Battery side: 80-495Vdc, 50Amax

-35 °C to 60 °C, Type 4X

Battery part: LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

Operating voltage range: LX F9.6-30: 171~216V, LX F12.8-30: 228~288V, LX F16.0-30: 285~360V, LX F19.2-30: 342~432V,

Charge / discharge current: 35Amax / 35Amax,

Charge / discharge temperature: 0~50°C / -15~50°C, IP55,

Max. 4 in parallel

Other Ratings: Marine environments (Severities 2)

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