

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/SH/00156

Contract Number: 800923
Certificate Project Number: SH-CERT220704876

Certified Product: Energy Storage System (including Hybrid Storage System and AC-Coupled Storage System)

Trademarks: **GoodWe:**
GWHS Series: GWHS11.4-US20, GWHS9.6-US20, GWHS7.6-US20, GWHS6.0-US20, GWHS5.0-US20, GWCS Series: GWCS11.4-US20, GWCS9.6-US20, GWCS7.6-US20, GWCS6.0-US20, GWCS5.0-US20

GE:
GEHS Series: GEHS11.4-US20, GEHS9.6-US20, GEHS7.6-US20, GEHS6.0-US20, GEHS5.0-US20, GECS Series: GECS11.4-US20, GECS9.6-US20, GECS7.6-US20, GECS6.0-US20, GECS5.0-US20

Model(s): GWHS Series: GWHS11.4-US20, GWHS9.6-US20, GWHS7.6-US20, GWHS6.0-US20, GWHS5.0-US20, GWCS Series: GWCS11.4-US20, GWCS9.6-US20, GWCS7.6-US20, GWCS6.0-US20, GWCS5.0-US20, GEHS Series: GEHS11.4-US20, GEHS9.6-US20, GEHS7.6-US20, GEHS6.0-US20, GEHS5.0-US20, GECS Series: GECS11.4-US20, GECS9.6-US20, GECS7.6-US20, GECS6.0-US20, GECS5.0-US20

Technical Data: See page 2-5

Certificate Holder: GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, 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 9540:2020, 2nd Edition, Dated February 27, 2020

Authorized by:

Effective date: 21 November 2022



Jason Wei
Certifier



Certification Body

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Additional Information:

Electrical Ratings:

GWHS Series: GWHS11.4-US20, GWHS9.6-US20, GWHS7.6-US20, GWHS6.0-US20, GWHS5.0-US20

PCS part:

ES Series (Hybrid) Inverter:

GW11K4-ES-US20, GW9600-ES-US20, GW7600-ES-US20, GW6000-ES-US20, GW5000-ES-US20

AC side: 240Vac (on-grid), 120Vac / 240Vac (back-up), 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (discharge),
 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (charge), 60Hz, Single phase,

Battery side: 80~495Vdc, 50Amax

PV side: 50~550Vdc (600Vmax), 16Amax per MPPT (4 or 2 MPPT), -35~60 °C, Type 4X

Battery part:

Optional battery 1: RESU 16H Prime

Usable energy 16.0kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 7kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 2: RESU 10H Prime

Usable energy 9.6kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 5kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 3: GoodWe 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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Additional Information:

Electrical Ratings:

GWCS Series: GWCS11.4-US20, GWCS9.6-US20, GWCS7.6-US20, GWCS6.0-US20, GWCS5.0-US20

PCS part:

SBP Series (AC Couple) Inverter:

GW11K4-SBP-US20, GW9600-SBP-US20, GW7600-SBP-US20, GW6000-SBP-US20, GW5000-SBP-US20

AC side: 240Vac (on-grid), 120Vac / 240Vac (back-up), 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (discharge),
 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (charge), 60Hz, Single phase,

Battery side: 80~495Vdc, 50Amax, -35~60 °C, Type 4X

Battery part:

Optional battery 1: RESU 16H Prime

Usable energy 16.0kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 7kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 2: RESU 10H Prime

Usable energy 9.6kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 5kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 3: GoodWe 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:

GEHS Series: GEHS11.4-US20, GEHS9.6-US20, GEHS7.6-US20, GEHS6.0-US20, GEHS5.0-US20

PCS part:

GEH Series (Hybrid) Inverter:

GEH11.4-1U-US20, GEH9.6-1U-US20, GEH7.6-1U-US20, GEH6.0-1U-US20, GEH5.0-1U-US20

AC side: 240Vac (on-grid), 120Vac / 240Vac (back-up), 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (discharge),
 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (charge), 60Hz, Single phase,

Battery side: 80~495Vdc, 50Amax

PV side: 50~550Vdc (600Vmax), 16Amax per MPPT (4 or 2 MPPT), -35~60 °C, Type 4X

Battery part:

Optional battery 1: RESU 16H Prime

Usable energy 16.0kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 7kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 2: RESU 10H Prime

Usable energy 9.6kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 5kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 3: GoodWe 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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Additional Information:

Electrical Ratings:

GECS Series: GECS11.4-US20, GECS9.6-US20, GECS7.6-US20, GECS6.0-US20, GECS5.0-US20

PCS part:

GEC Series (AC Couple) Inverter:

GEC11.4-1U-US20, GEC9.6-1U-US20, GEC7.6-1U-US20, GEC6.0-1U-US20, GEC5.0-1U-US20

AC side: 240Vac (on-grid), 120Vac / 240Vac (back-up), 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (discharge),
 47.5A / 40.0A / 31.7A / 25.0A / 20.8A (charge), 60Hz, Single phase,

Battery side: 80~495Vdc, 50Amax, -35~60 °C, Type 4X

Battery part:

Optional battery 1: RESU 16H Prime

Usable energy 16.0kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 7kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 2: RESU 10H Prime

Usable energy 9.6kWh at 25°C,

Charge / discharge voltage range: 420~450V / 350~410V,

Charge / discharge power: 5kWmax,

Charge / discharge temperature: -10~50°C / -20~50°C, IP55

Max. 2 in parallel

Optional battery 3: GoodWe 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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