



**广州三晶电气股份有限公司**  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# EU Declaration of Conformity

We Guangzhou Sanjing Electric Co., Ltd.

No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China

We declare under our own responsibility that the product:

Name/brand:



Scan the QR code to see DoC in other European languages

Product name: All-in-one Energy Storage System

Model:

Single phase inverter: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X, EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X, EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE, EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Three-phase inverter: EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE, EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X, EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE, EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Battery: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV, EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Observe the following directives and regulations:

- Directive 2014/53/EU of Radio Equipment
- 2011/65/EU (RoHS Directive)
- Directive (EU) 2015/863
- Commission Regulation (EU) 2016/631 (RFG)

The following criteria shall be used to assess compliance with these directives and regulations

Standards/requirements used:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Maximum AC current ≤ 16A)

EN 61000-3-3:2013(Maximum AC current ≤ 16A)

EN 61000-3-11:2000(Maximum AC current > 16A)

EN 61000-3-12:2011(Maximum AC current > 16A)

RoHS: EN 50581: 2012

IP Code IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022



Guangzhou

2026.5.21

Certified Engineer

Place

Date

Signature

*Guangquan Pan*



广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Prohlášení o shodě EU

My Guangzhou Sanjing Electric Co., Ltd.

Č. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Čínská lidová republika

Prohlašujeme na vlastní odpovědnost, že výrobek:

Název/značka:



Název produktu: All-in-one systém pro skladování energie

Model:

Enfasväxelriktare: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Třífázový měnič: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Baterie: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Dodržujte prosím následující pokyny a předpisy:

- Směrnice 2014/53/EU o rádiových zařízeních
- 2011/65/EU (směrnice RoHS)
- Směrnice (EU) 2015/863
- Nařízení Komise (EU) 2016/631 (RFG)

Pro posouzení souladu s těmito směrnici a nařízeními se použijí následující kritéria:

Použité normy/požadavky:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Maximální střídavý proud  $\leq$  16A)

EN 61000-3-3:2013(Maximální střídavý proud  $\leq$  16A)

EN 61000-3-11:2000(Maximální střídavý proud  $>$  16A)

EN 61000-3-12:2011(Maximální střídavý proud  $>$  16A)

RoHS: EN 50581: 2012

Kód IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022, PPDS

Guangzhou

2026.5.21

Certifikovaný inženýr

Místo

Datum

Podpis  
*Guangquan.Pan*





广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Declarația de conformitate UE

Noi Guangzhou Sanjing Electric Co., Ltd.

Nr. 9, Lizhishan Road, Science City, Zona de înaltă tehnologie Guangzhou, Guangdong,  
Republica Populară Chineză

Declarăm pe propria răspundere că produsul:

Nume/marcă:



Denumirea Sistem de stocare a energiei all-in-one

Model:

Invertor monofazat: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Invertor trifazic: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Baterie: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Vă rugăm să respectați următoarele directive și reglementări:

- Directiva 2014/53/UE privind echipamentele radio
- 2011/65/UE (Directiva RoHS)
- Directiva (UE) 2015/863
- Regulamentul (UE) 2016/631 al Comisiei (RFG)

Următoarele criterii vor fi utilizate pentru a evalua conformitatea cu aceste directive și regulamente:

Standarde/cerințe utilizate:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Curent alternativ maxim  $\leq 16A$ )

EN 61000-3-3:2013(Curent alternativ maxim  $\leq 16A$ )

EN 61000-3-11:2000(Curent alternativ maxim  $> 16A$ )

EN 61000-3-12:2011(Curent alternativ maxim  $> 16A$ )

RoHS: EN 50581: 2012

Cod IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Inginer certificat

Loc

Data

Semnătură

Guangquan.Pan





广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Deklaracja zgodności UE

My Guangzhou Sanjing Electric Co., Ltd.

Nr 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Chiny

Oświadczamy pod własną odpowiedzialnością, że produkt:

Nazwa/marka:



Nazwa produktu: Kompleksowy system magazynowania energii

Model:

Falownik  
jednofazowy:

EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Falownik trójfazowy:

EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Bateria:

EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Proszę przestrzegać następujących wytycznych i przepisów:

- Dyrektywa 2014/53/UE w sprawie urządzeń radiowych
- 2011/65/UE (dyrektywa RoHS)
- Dyrektywa (UE) 2015/863
- Rozporządzenie Komisji (UE) 2016/631 (RFG)

Do oceny zgodności z niniejszymi dyrektywami i rozporządzeniami stosuje się następujące kryteria:

Zastosowane normy/wymagania:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Maksymalny prąd przemienny  $\leq 16A$ )

EN 61000-3-3:2013(Maksymalny prąd przemienny  $\leq 16A$ )

EN 61000-3-11:2000(Maksymalny prąd przemienny  $> 16A$ )

EN 61000-3-12:2011(Maksymalny prąd przemienny  $> 16A$ )

RoHS: EN 50581: 2012

Kod IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022, PTPiREE, PSE

Guangzhou

2026.5.21

Certyfikowany inżynier

Miejsce

Data

Podpis

Guangquan.Pan





广州三晶电气股份有限公司  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# EU:n vaatimustenmukaisuusvakuutus

Me Guangzhou Sanjing Electric Co., Ltd.

No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Kiina

Vakuutamme omalla vastuullamme, että tuote:

Nimi/tuotemerkki:



Tuotteen nimi: All-in-one-energianvarastointijärjestelmä

Malli:

Yksivaiheinen  
invertteri: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X

Kolmivaiheinen  
invertteri:

(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Akku:

EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Noudata seuraavia ohjeita ja määräyksiä:

- Radiolaitteita koskeva direktiivi 2014/53/EU
- 2011/65/EU (RoHS-direktiivi)
- Direktiivi (EU) 2015/863
- Komission asetus (EU) 2016/631 (RFG)

Seuraavia kriteerejä käytetään arvioitaessa näiden direktiivien ja asetusten noudattamista:

Käytetyt standardit/vaatimukset:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Suurin vaihtovirta  $\leq$  16A)

EN 61000-3-3:2013(Suurin vaihtovirta  $\leq$  16A)

EN 61000-3-11:2000(Suurin vaihtovirta  $>$  16A)

EN 61000-3-12:2011(Suurin vaihtovirta  $>$  16A)

RoHS: EN 50581: 2012

IP-koodi IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Sertifioitu insinööri

Paikka

Päivämäärä

Allekirjoitus

Guangquan.Pan





广州三晶电气股份有限公司  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# EU:s försäkran om överensstämmelse

Vi Guangzhou Sanjing Electric Co., Ltd.

Nr 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Kina

Vi intygar på eget ansvar att produkten:

Namn/varumärke:



Produktnamn: Allt-i-ett-energilagringsystem

Modell:

Enfasväxelriktare: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Trefasväxelriktare: EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Batteri: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Observera följande riktlinjer och regler:

- Direktiv 2014/53/EU om radioutrustning
- 2011/65/EU (RoHS-direktivet)
- Direktiv (EU) 2015/863
- Kommissionens förordning (EU) 2016/631 (RFG)

Följande kriterier ska användas för att bedöma efterlevnaden av dessa direktiv och förordningar:

Använda standarder/krav:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Maximal växelström  $\leq$  16A)

EN 61000-3-3:2013(Maximal växelström  $\leq$  16A)

EN 61000-3-11:2000(Maximal växelström  $>$  16A)

EN 61000-3-12:2011(Maximal växelström  $>$  16A)

RoHS: EN 50581: 2012

IP-kod IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Certifierad ingenjör

Plats

Datum

Signatur

Guangquan.Pan





广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Izjava EU o skladnosti

Mi Guangzhou Sanjing Electric Co., Ltd.

Št. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Ljudska republika Kitajska

Izjavljamo na lastno odgovornost, da izdelek:

Ime/blagovna znamka:



Ime izdelka: Vse-v-enem sistem za shranjevanje energije

Model:

Enofazni inverter: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Tristopenjski inverter: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Baterija: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Upošteevajte naslednje direktive in predpise:

- Direktiva 2014/53/EU o radijski opremi
- 2011/65/EU (Direktiva RoHS)
- Direktiva (EU) 2015/863
- Uredba Komisije (EU) 2016/631 (RFG)

Za oceno skladnosti s temi direktivami in uredbami se uporabljajo naslednja merila

Uporabljeni standardi/zahteve:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Največji izmenični tok  $\leq$  16A)

EN 61000-3-3:2013(Največji izmenični tok  $\leq$  16A)

EN 61000-3-11:2000(Največji izmenični tok  $>$  16A)

EN 61000-3-12:2011(Največji izmenični tok  $>$  16A)

RoHS: EN 50581: 2012

IP-koda IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Vodja certifikacije

Kraj

Datum

Podpis

Guangquan.Pan





**广州三晶电气股份有限公司**  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589  
Web : www.saj-electric.cn / www.saj-electric.com  
地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Dichiarazione di conformità UE

Noi Guangzhou Sanjing Electric Co., Ltd.

N. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Repubblica Popolare Cinese

Dichiariamo sotto la nostra responsabilità che il prodotto:

Nome/Marchio commerciale:



Nome del prodotto: Sistema di accumulo energetico all-in-one

Modello:

Inverter monofase: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Inverter trifase: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Batteria: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Rispettare le seguenti direttive e normative:

- Direttiva 2014/53/UE sulle apparecchiature radio
- 2011/65/UE (Direttiva RoHS)
- Direttiva (UE) 2015/863
- Regolamento (UE) 2016/631 della Commissione (RFG)

Per la valutazione della conformità alle presenti direttive e regolamenti, si applica quanto segue

Sono stati applicati i seguenti standard/requisiti:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Corrente CA massima  $\leq$  16A)

EN 61000-3-3:2013(Corrente CA massima  $\leq$  16A)

EN 61000-3-11:2000(Corrente CA massima  $>$  16A)

EN 61000-3-12:2011(Corrente CA massima  $>$  16A)

RoHS: EN 50581: 2012

Codice IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: CEI 0-21:2022-03, CEI 0-16:2022-03

Guangzhou

2026.5.21

Responsabile della certificazione

Luogo

Data

Firma  
*Guangquan.Pan*





**广州三晶电气股份有限公司**  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# Declaración de conformidad de la UE

Nosotros Guangzhou Sanjing Electric Co., Ltd.

N.º 9, Lizhishan Road, Ciudad de la Ciencia, Zona de Alta Tecnología de Guangzhou,  
Guangdong, República Popular China

Declaramos bajo nuestra propia responsabilidad que el producto:

Nombre/Marca comercial:



Nombre del producto: Sistema de almacenamiento de energía todo en uno

Modelo:

Inversor monofásico: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Inversor trifásico: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Batería: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Cumpla con las siguientes directivas y normativas:

- Directiva 2014/53/UE sobre equipos radioeléctricos
- 2011/65/UE (Directiva RoHS)
- Directiva (UE) 2015/863
- Reglamento (UE) 2016/631 de la Comisión (RFG)

Para evaluar el cumplimiento de estas Directivas y Reglamentos, se aplicará lo siguiente:

Se aplicaron las siguientes normas/requisitos:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Corriente alterna máxima ≤ 16A)

EN 61000-3-3:2013(Corriente alterna máxima ≤ 16A)

EN 61000-3-11:2000(Corriente alterna máxima > 16A)

EN 61000-3-12:2011(Corriente alterna máxima > 16A)

RoHS: EN 50581: 2012

Código IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: UNE 217001: 2020, RD 244:2019, UNE 217002:2020, NTS Version 2.1:2021

Guangzhou

2026.5.21

Gerente de Certificación

Lugar

Fecha

Firma  
*Guangquan.Pan*





广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# Declaração de Conformidade da UE

Nós Guangzhou Sanjing Electric Co., Ltd.

N.º 9, Lizhishan Road, Cidade da Ciência, Zona de Alta Tecnologia de Guangzhou,  
Guangdong, República Popular da China

Declaramos, sob nossa própria responsabilidade, que o produto:

Nome/Marca registada:



Nome do produto: Sistema de armazenamento de energia tudo-em-um

Modelo:

Inversor monofásico: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Inversor trifásico: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Bateria: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Cumpra as seguintes diretivas e regulamentos:

- Diretiva 2014/53/UE relativa aos equipamentos de rádio
- 2011/65/UE (Diretiva RoHS)
- Diretiva (UE) 2015/863
- Regulamento (UE) 2016/631 da Comissão (RFG)

Para a avaliação da conformidade com estas diretivas e regulamentos, o seguinte

Foram aplicadas as seguintes normas/requisitos:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Corrente CA máxima  $\leq$  16A)

EN 61000-3-3:2013(Corrente CA máxima  $\leq$  16A)

EN 61000-3-11:2000(Corrente CA máxima  $>$  16A)

EN 61000-3-12:2011(Corrente CA máxima  $>$  16A)

RoHS: EN 50581: 2012

Código IP IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Gerente de Certificação

Local

Data

Assinatura  
*Guangquan.Pan*





**广州三晶电气股份有限公司**  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589  
Web : www.saj-electric.cn / www.saj-electric.com  
地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

## Déclaration de conformité UE

Nous Guangzhou Sanjing Electric Co., Ltd.

N° 9, route Lizhishan, Science City, zone high-tech de Guangzhou, Guangdong, République populaire de Chine

Déclarons sous notre propre responsabilité que le produit:

Nom/Marque déposée:



Nom du produit: Système de stockage d'énergie tout-en-un

Modèle:

Onduleur monophasé: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Onduleur triphasé: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Batterie: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Respectez les directives et réglementations suivantes:

- Directive 2014/53/UE relative aux équipements hertziens
- 2011/65/UE (directive RoHS)
- Directive (UE) 2015/863
- Règlement (UE) 2016/631 de la Commission (RFG)

Pour l'évaluation de la conformité à ces directives et règlements, les éléments suivants

Les normes/exigences suivantes ont été appliquées:

EN 62109-1:2010, EN 62109-2:2011  
EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019  
EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020  
EN IEC 62311:2020  
EN 61000-3-2:2014(Courant alternatif maximal  $\leq$  16A)  
EN 61000-3-3:2013(Courant alternatif maximal  $\leq$  16A)  
EN 61000-3-11:2000(Courant alternatif maximal  $>$  16A)  
EN 61000-3-12:2011(Courant alternatif maximal  $>$  16A)  
RoHS: EN 50581: 2012  
Code IP IP 66 : CEI 60529:1989+A1:1999+A2:2013  
RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022



Guangzhou

2026.5.21

Responsable de la certification

Lieu

Date

Signature  
*Guangquan.Pan*



广州三晶电气股份有限公司

Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589

Web : www.saj-electric.cn / www.saj-electric.com

地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# EU-Konformitätserklärung

Wir Guangzhou Sanjing Electric Co., Ltd.

Nr. 9, Lizhishan Road, Wissenschaftsstadt, Hightech-Zone Guangzhou, Guangdong, Volksrepublik China

Wir erklären in eigener Verantwortung, dass das Produkt:

Name/Marke:



Product name: All-in-One-Energiespeichersystem

Modell:

Einphasen-  
Wechselrichter:

EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,

Dreiphasen-  
Wechselrichter:

EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)

Batterie:

EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Beachten Sie die folgenden Richtlinien und Vorschriften:

- Richtlinie 2014/53/EU über Funkanlagen
- 2011/65/EU (RoHS-Richtlinie)
- Richtlinie (EU) 2015/863
- Verordnung (EU) 2016/631 der Kommission (RFG)

Zur Bewertung der Einhaltung dieser Richtlinien und Vorschriften gilt Folgendes:

Es wurden folgende Normen/Anforderungen angewendet:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2:2014(Maximaler Wechselstrom ≤ 16A)

EN 61000-3-3:2013(Maximaler Wechselstrom ≤ 16A)

EN 61000-3-11:2000(Maximaler Wechselstrom > 16A)

EN 61000-3-12:2011(Maximaler Wechselstrom > 16A)

RoHS: EN 50581: 2012

IP-Schutzart IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: VDE-AR-N 4105/11.18, DIN VDE V 0124-100/06.20



Guangzhou

2026.5.21

Zertifizierungsmanager

Ort

Datum

Unterschrift

*Guangquan.Pan*



广州三晶电气股份有限公司  
Guangzhou Sanjing Electric Co., Ltd.

Tel : 400-159-0088 Fax : 020-66608589  
Web : www.saj-electric.cn / www.saj-electric.com  
地址 : 广州高新技术产业开发区科学城荔枝山路9号三晶创新园

Add: SAJ Innovation Park, No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China.

# EU-verklaring van overeenstemming

Wij Guangzhou Sanjing Electric Co., Ltd.

Nr. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, Volksrepubliek China

Verklaren op eigen verantwoordelijkheid dat het product:

Naam/handelsmerk:



Productnaam: Alles-in-één energieopslagsysteem

Model:

Eenfasige omvormer: EK70 HS5-10K-S4-X, EK70 HS5-5K-S3-X, EK70 HS5-6K-S3-X,  
EK70 HS5-6K-S3-X-IE, EK70 HS5-8K-S3-X, EK90 HS5-10K-S4-X,  
EK90 HS5-5K-S3-X, EK90 HS5-6K-S3-X, EK90 HS5-6K-S3-X-IE,  
EK90 HS5-8K-S3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
EK70 HS5-10K-T3-X, EK70 HS5-12K-T3-X, EK70 HS5-12K-T3-X-IE,  
EK70 HS5-15K-T3-X, EK70 HS5-20K-T3-X, EK70 HS5-8K-T3-X,  
Driefasige omvormer: EK90 HS5-10K-T3-X, EK90 HS5-12K-T3-X, EK90 HS5-12K-T3-X-IE,  
EK90 HS5-15K-T3-X, EK90 HS5-20K-T3-X and EK90 HS5-8K-T3-X  
(Note: X=6, 7, 9, 12, 14, 15, 16, 18, 21, 24, 25, 27, 28, 30, 35, 36, 40, 42, 45, 50, or 54)  
Batterij: EK90 BU5-9.0-TV, EK90 BU5-7.0-TV, EK90 BU5-6.0-TV  
EK70 BU5-9.0-TV, EK70 BU5-7.0-TV, EK70 BU5-6.0-TV

Leef de volgende richtlijnen en voorschriften na:

- Richtlijn 2014/53/EU betreffende radioapparatuur
- 2011/65/EU (RoHS-richtlijn)
- Richtlijn (EU) 2015/863
- Verordening (EU) 2016/631 van de Commissie (RFG)

Voor de beoordeling van de naleving van deze richtlijnen en verordeningen geldt het volgende

Er werden normen/vereisten toegepast:

EN 62109-1:2010, EN 62109-2:2011

EN 61000-6-1:2019, EN 61000-6-2:2019, EN 61000-6-3:2021, EN 61000-6-4:2019

EN 300328 V 2.2.2:2019, EN 301489-1 V 2.2.3:2019, EN 301489-17 V 3.2.4:2020

EN IEC 62311:2020

EN 61000-3-2: 2014(Maximale wisselstroom  $\leq$  16A)

EN 61000-3-3: 2013(Maximale wisselstroom  $\leq$  16A)

EN 61000-3-11:2000(Maximale wisselstroom  $>$  16A)

EN 61000-3-12:2011(Maximale wisselstroom  $>$  16A)

RoHS: EN 50581: 2012

IP-code IP 66: IEC 60529:1989+A1:1999+A2:2013

RFG: EN50549-1:2019, EN50549-2:2019+A1:2023, EN50549-10:2022

Guangzhou

2026.5.21

Certificeringsmanager

Plaats

Datum

Handtekening

Guangquan.Pan

