

ist Hersteller und verantwortlich für:

## Konformitätserklärung / Declaration of Conformity

Produkt-Typ:	Plug & Play Photovoltaik-Set für Netzparallelbetrieb steckbar mittels Haushaltsstecker in Endstromkreis
Modell:	770 Wp Plug & Play Solar (CN)
Komponenten:	<ul style="list-style-type: none"> <li>• 2x JA Solar JAM60S20-385/MR / 385 Wp / IP-67 / Schutzklasse II</li> <li>• 1x Deye SUN600G3-EU-230 mit N/A Schutz und eingebauter RCMU / IP67 Schutzart / Schutzklasse II / Input max. 55VDC, Output max. 230VAC, 50-60Hz, 600VA, 2,6A</li> <li>• 1x Anschlusskabel vorkonfektioniert mit Betteri Buchse IP67, 5m oder 10m / 3x2,5mm<sup>2</sup> Leitung / AC Seitig CH-Typ 13 Stecker IP 55</li> </ul>

**Konform nach ESTI-Mitteilung 07/2014 und in Übereinstimmung mit der Verordnung über elektrische Niederspannungserzeugnisse (NEV; SR 734.26) (Stand 13.03.2023).**

### Dazu angewandte Normen:

JA Solar JAM60S20-385/MR	EN 61215-1:2016, EN 61215-1-1:2016, IEC 61215-2:2016, EN 61215-2:2017, IEC 61730-1:2016, EN IEC 61730-1:2018, EN IEC 61730-1:2018/AC:2018-06, IEC 61730-2:2016, EN IEC 61730-2:2018, EN IEC 61730-2:2018/AC:2018-06
Deye SUN600G3-EU-230	VDE-ARN-N 4105: 2018-11, VDE V 0124-100:2020-06 & EN50549-1:2019, VFR 2019 IEC/EN 62109-1:2010/-2:2011, IEC/EN 61000-6-1:2019;EN 61000-6-2:2000; EN 61000-6-3:2007+A1:2011; EN 61000-6-4:2019; EN 61000-3-2:2019; EN 61000-3-3:2013+A1:2019, IEC/EN 62311:2008 NEMA (IP67) Gehäuse
Hoymiles Anschlusskabel vorkonfektioniert in 5m oder 10m ausführung	Betteri Buchse Wechselrichterseite, Schutzart IEC EN 60529 IP67 Anschlusskabel 5m oder 10m H07RN-F, EN 50525-2-21: 2011 Stecker CH Typ 13: IEC 60884-1 (Ed 4.0): 2022 / SN 441011-1: 2019 +Corr2019 / SN 441011-2-1:2021, IP55
ROHS	Gesamtes Set konform gemäss IEC EN 63000: 2018

Michael Sebel, Geschäftsführung  
erneuer.bar services GmbH



## Technische Daten zu Deye SUN600G3-EU-230

Modell	SUN600G3-EU-230	SUN800G3-EU-230	SUN1000G3-EU-230
<b>Eingangsdaten (DC)</b>			
Empfohlene Eingangsleistung (STC)	210~420W (2 Stück)	210~500W (2 Stück)	210~600W (2 Stück)
Maximale Eingangsgleichspannung	60V		
DC-Betriebsspannungsbereich	24,5~55V	33~55V	40~55V
MPPT-Spannungsbereich	25~55V		
Max. DC-Kurzschlussstrom	2x19.5A		
Max. Eingangsstrom	2x13A		
Anzahl der MPPT	2		
Strings pro MPPT	1+1		
<b>Ausgangsdaten (AC)</b>			
Nen-Ausgangsleistung	600W	800W	1000W
Nen-Ausgangsstrom	2.6A	3.5A	4.3A
Nennspannung / Bereich (kann je nach Netzstandard variieren)	230V/184~265V	230V/184~265V	230V/184~265V
Nennfrequenz / Bereich	50 / 60Hz		
Erweiterte Frequenz/Bereich	45~55Hz / 55~65Hz		
Leistungsfaktor	>0,99		
Maximale Einheiten pro Zweig	8	6	5
<b>Effizienz</b>			
CEC-gewichtete Effizienz	95%		
Wechselrichter-Spitzenwirkungsgrad	96,5%		
Statischer MPPT-Wirkungsgrad	99%		
Stromverbrauch in der Nacht	50mW		
<b>Mechanische Daten</b>			
Umgebungstemperaturbereich	-40~65°C		
Größe (mm)	212B×230H×40T (Ohne Halterung und Kabel)		
Gewicht (kg)	3.15		
Kühlung	Natürliche Kühlung		
Umweltbewertung des Gehäuses	IP67		

## Konformitätserklärung zu JA Solar JAM60S20-385/MR

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ СЕРТИФИКАТ ◆ CERTIFICATE



# CERTIFICATE

No. Z2 072092 0295 Rev. 45

**Holder of Certificate:** Shanghai JA Solar Technology Co., Ltd.  
No. 118, Lane 3111  
West Huancheng Road  
Fengxian District  
201401 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**




**Product:** Crystalline Silicon Terrestrial Photovoltaic (PV) Modules  
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704061604115-60

**Valid until:** 2027-01-18

**Date,** 2022-01-20

  
( Zhulin Zhang )



Product Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

## CERTIFICATE

No. Z2 072092 0295 Rev. 45

### Model(s):

1500 V DC Maximum System voltage, Fire Safety Class A or C Modules:  
 JAM72D00-xxx/BP/1500V, JAM72D00-xxx/BP, xxx= 330 to 385 in steps of 5;  
 JAM60D00-xxx/BP/1500V, JAM60D00-xxx/BP, xxx= 275 to 320 in steps of 5;  
 JAM60D00-xxx/PR/1500V, JAM60D00-xxx/PR, xxx= 285 to 320 in steps of 5;  
 JAM72D00-xxx/PR/1500V, JAM72D00-xxx/PR, xxx= 340 to 385 in steps of 5;  
 JAM60D00-xxx/MB/1500V, JAM60D00-xxx/MB, xxx= 310 to 315 in steps of 5;  
 JAM72D00-xxx/MB/1500V, JAM72D00-xxx/MB, xxx= 370 to 380 in steps of 5;  
 JAM72D09-xxx/BP/1500V, JAM72D09-xxx/BP, xxx= 360 to 400 in steps of 5;  
 JAM60D09-xxx/BP/1500V, JAM60D09-xxx/BP, xxx= 300 to 340 in steps of 5;  
 JAM72D10-xxx/MB/1500V, JAM72D10-xxx/MB, xxx= 385 to 430 in steps of 5;  
 JAM60D10-xxx/MB/1500V, JAM60D10-xxx/MB, xxx= 320 to 355 in steps of 5;  
 JAM72D10-xxx/BP/1500V, JAM72D10-xxx/BP, xxx= 385 to 415 in steps of 5;  
 JAM60D10-xxx/BP/1500V, JAM60D10-xxx/BP, xxx= 320 to 345 in steps of 5;  
 JAM66D10-xxx/MB/1500V, JAM66D10-xxx/MB, xxx= 360 to 380 in steps of 5;  
 JAM78D10-xxx/MB/1500V, JAM78D10-xxx/MB, xxx= 435 to 455 in steps of 5;  
 JAM72D20-xxx/MB/1500V, JAM72D20-xxx/MB, xxx= 430 to 465 in steps of 5;  
 JAM60D20-xxx/MB/1500V, JAM60D20-xxx/MB, xxx= 355 to 385 in steps of 5;  
 JAM72D10-xxx/TB/1500V, JAM72D10-xxx/TB, xxx= 400 to 420 in steps of 5;  
 JAM60D10-xxx/TB/1500V, JAM60D10-xxx/TB, xxx= 335 to 350 in steps of 5;  
 JAM78D30-xxx/MB/1500V, JAM78D30-xxx/MB, xxx= 580 to 605 in steps of 5;  
 JAM72D30-xxx/MB/1500V, JAM72D30-xxx/MB, xxx= 505 to 555 in steps of 5;  
 JAM72D30-xxx/MB/F/1500V, JAM72D30-xxx/MB/F,  
 xxx= 505 to 555 in steps of 5;  
 JAM66D30-xxx/MB/1500V, JAM66D30-xxx/MB, xxx= 465 to 505 in steps of 5;  
 JAM66D30-xxx/MB/F/1500V, JAM66D30-xxx/MB/F,  
 xxx= 465 to 505 in steps of 5;  
 JAM60D30-xxx/MB/1500V, JAM60D30-xxx/MB, xxx=435 to 460 in steps of 5;  
 JAM54D30-xxx/MB/1500V, JAM54D30-xxx/MB, xxx= 390 to 415 in steps of 5;  
 JAM50D40-xxx/MB/1500V, JAM50D40-xxx/MB, xxx= 485 to 500 in steps of 5;  
 JAM78D30-xxx/GB/1500V, JAM78D30-xxx/GB, xxx= 585 to 595 in steps of 5;  
 JAM72D30-xxx/GB/1500V, JAM72D30-xxx/GB, xxx= 540 to 550 in steps of 5;  
 JAM66D30-xxx/GB/1500V, JAM66D30-xxx/GB, xxx= 495 to 500 in steps of 5;  
 JAM60D30-xxx/GB/1500V, JAM60D30-xxx/GB, xxx= 450 to 455 in steps of 5;  
 JAM54D30-xxx/GB/1500V, JAM54D30-xxx/GB, xxx= 405 to 410 in steps of 5;  
 JAM72D30-xxx/HB/1500V, JAM72D30-xxx/HB, xxx= 530 to 560 in steps of 5;  
 JAM78D30-xxx/TB/1500V, JAM78D30-xxx/TB, xxx= 580 to 610 in steps of 5;  
 JAM72D30-xxx/TB/1500V, JAM72D30-xxx/TB, xxx= 540 to 560 in steps of 5;  
 JAM66D30-xxx/TB/1500V, JAM66D30-xxx/TB, xxx= 500 to 515 in steps of 5;  
 JAM60D30-xxx/TB/1500V, JAM60D30-xxx/TB, xxx= 455 to 470 in steps of 5;  
 JAM54D30-xxx/TB/1500V, JAM54D30-xxx/TB, xxx= 405 to 420 in steps of 5;

1000 V DC Maximum System voltage, Fire Safety Class C Modules:  
 JAM6(K)-72-xxx/PR, xxx= 345 to 370 in steps of 5;  
 JAM6(K)-60-xxx/PR, xxx= 285 to 310 in steps of 5;  
 JAM6(K)-72-xxx/4BB, xxx= 320 to 345 in steps of 5;  
 JAM6(K)-60-xxx/4BB, xxx= 265 to 285 in steps of 5;  
 JAM72S01-xxx/SC/1000V, xxx= 320 to 365 in steps of 5;  
 JAM60S01-xxx/SC/1000V, xxx= 265 to 305 in steps of 5;  
 JAM72S01-xxx/PR/1000V, xxx= 345 to 390 in steps of 5;  
 JAM60S01-xxx/PR/1000V, xxx= 285 to 325 in steps of 5;  
 JAM72S01-xxx/MR/1000V, xxx= 365 to 385 in steps of 5;  
 JAM60S01-xxx/MR/1000V, xxx= 305 to 320 in steps of 5;  
 JAM72S03-xxx/PR/1000V, xxx= 360 to 395 in steps of 5;  
 JAM60S03-xxx/PR/1000V, xxx= 300 to 330 in steps of 5;  
 JAM72S09-xxx/PR/1000V, xxx= 370 to 405 in steps of 5;  
 JAM60S09-xxx/PR/1000V, xxx= 310 to 335 in steps of 5;  
 JAM72S10-xxx/PR/1000V, xxx= 380 to 410 in steps of 5;  
 JAM60S10-xxx/PR/1000V, xxx= 315 to 345 in steps of 5;  
 JAM72S10-xxx/MR/1000V, xxx= 390 to 430 in steps of 5;  
 JAM60S10-xxx/MR/1000V, xxx= 325 to 355 in steps of 5;  
 JAM60S10-xxx/MR-L/1000V, xxx= 325 to 355 in steps of 5;  
 JAM78S10-xxx/MR/1000V, xxx= 435 to 465 in steps of 5;  
 JAM66S10-xxx/MR/1000V, xxx= 345 to 390 in steps of 5;  
 JAM72S09-xxx/BP/1000V, xxx= 375 to 385 in steps of 5;  
 JAM60S09-xxx/BP/1000V, xxx= 315 to 320 in steps of 5;  
 JAM72S10-xxx/BP/1000V, xxx= 385 to 400 in steps of 5;  
 JAM60S10-xxx/BP/1000V, xxx= 320 to 330 in steps of 5;  
 JAM72S02-xxx/PR/1000V, xxx= 345 to 390 in steps of 5;  
 JAM60S02-xxx/PR/1000V, xxx= 285 to 325 in steps of 5;  
 JAM72S02-xxx/SC/1000V, xxx= 320 to 365 in steps of 5;

Page 2 of 6

TUV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany





Product Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

## CERTIFICATE

No. Z2 072092 0295 Rev. 45

JAM60S02-xxx/SC/1000V, xxx= 265 to 305 in steps of 5;  
 JAM72S02-xxx/MR/1000V, xxx= 365 to 385 in steps of 5;  
 JAM60S02-xxx/MR/1000V, xxx= 305 to 320 in steps of 5;  
 JAM72S08-xxx/PR/1000V, xxx= 360 to 395 in steps of 5;  
 JAM60S08-xxx/PR/1000V, xxx= 300 to 330 in steps of 5;  
 JAM72S12-xxx/PR/1000V, xxx= 365 to 385 in steps of 5;  
 JAM60S12-xxx/PR/1000V, xxx= 305 to 330 in steps of 5;  
 JAM72S17-xxx/PR/1000V, xxx= 380 to 390 in steps of 5;  
 JAM60S17-xxx/PR/1000V, xxx= 315 to 325 in steps of 5;  
 JAM72S17-xxx/MR/1000V, xxx= 390 to 430 in steps of 5;  
 JAM60S17-xxx/MR/1000V, xxx= 315 to 355 in steps of 5;  
 JAM72S10-xxx/MB/1000V, xxx= 395 to 415 in steps of 5;  
 JAM60S10-xxx/MB/1000V, xxx= 330 to 345 in steps of 5;  
 JAM72S20-xxx/MR/1000V, xxx= 430 to 470 in steps of 5;  
 JAM60S20-xxx/MR/1000V, xxx= 355 to 390 in steps of 5;  
 JAM78S30-xxx/MR/1000V, xxx= 580 to 605 in steps of 5;  
 JAM72S30-xxx/MR/1000V, xxx= 510 to 555 in steps of 5;  
 JAM66S30-xxx/MR/1000V, xxx= 470 to 505 in steps of 5;  
 JAM60S30-xxx/MR/1000V, xxx= 435 to 460 in steps of 5;  
 JAM54S30-xxx/MR/1000V, xxx= 390 to 415 in steps of 5;  
 JAM60S21-xxx/MR/1000V, xxx= 355 to 390 in steps of 5;  
 JAM50S40-xxx/MR/1000V, xxx= 490 to 500 in steps of 5;  
 JAM72S20-xxx/MB/1000V, xxx= 450 to 465 in steps of 5;  
 JAM60S20-xxx/MB/1000V, xxx= 375 to 390 in steps of 5;  
 JAM72S31-xxx/MR/1000V, xxx= 510 to 545 in steps of 5;  
 JAM66S31-xxx/MR/1000V, xxx= 470 to 500 in steps of 5;  
 JAM60S31-xxx/MR/1000V, xxx= 425 to 450 in steps of 5;  
 JAM54S31-xxx/MR/1000V, xxx= 385 to 405 in steps of 5;  
 JAM76S11-xxx/PR(B)/1000V, xxx= 395 to 415 in steps of 5;  
 JAM78S30-xxx/GR/1000V, xxx= 575 to 600 in steps of 5;  
 JAM72S30-xxx/GR/1000V, xxx= 535 to 555 in steps of 5;  
 JAM66S30-xxx/GR/1000V, xxx= 500 to 505 in steps of 5;  
 JAM60S30-xxx/GR/1000V, xxx= 445 to 460 in steps of 5;  
 JAM54S30-xxx/GR/1000V, xxx= 400 to 415 in steps of 5;  
 JAM78S31-xxx/GR/1000V, xxx= 570 to 590 in steps of 5;  
 JAM72S31-xxx/GR/1000V, xxx= 525 to 545 in steps of 5;  
 JAM66S31-xxx/GR/1000V, xxx= 480 to 500 in steps of 5;  
 JAM60S31-xxx/GR/1000V, xxx= 430 to 450 in steps of 5;  
 JAM54S31-xxx/GR/1000V, xxx= 395 to 405 in steps of 5;  
 JAM72S17-xxx/GR/1000V, xxx= 385 to 400 in steps of 5;

1000 V DC or 1500 V DC Maximum System voltage,  
 Fire Safety Class C Modules:

JAM72S01-xxx/SC, xxx= 320 to 365 in steps of 5;  
 JAM60S01-xxx/SC, xxx= 265 to 305 in steps of 5;  
 JAM60S01-xxx/PR, xxx= 285 to 325 in steps of 5;  
 JAM72S01-xxx/MR, xxx= 365 to 385 in steps of 5;  
 JAM60S01-xxx/MR, xxx= 305 to 320 in steps of 5;  
 JAM72S03-xxx/PR, xxx= 360 to 395 in steps of 5;  
 JAM60S03-xxx/PR, xxx= 300 to 330 in steps of 5;  
 JAM72S09-xxx/PR, xxx= 370 to 405 in steps of 5;  
 JAM60S09-xxx/PR, xxx= 310 to 335 in steps of 5;  
 JAM72S10-xxx/PR, xxx= 380 to 410 in steps of 5;  
 JAM60S10-xxx/PR, xxx= 315 to 345 in steps of 5;  
 JAM72S10-xxx/MR, xxx= 390 to 430 in steps of 5;  
 JAM60S10-xxx/MR, xxx= 325 to 355 in steps of 5;  
 JAM60S10-xxx/MR-L, xxx= 325 to 355 in steps of 5;  
 JAM78S10-xxx/MR, xxx= 435 to 465 in steps of 5;  
 JAM66S10-xxx/MR, xxx= 345 to 390 in steps of 5;  
 JAM72S09-xxx/BP, xxx= 375 to 385 in steps of 5;  
 JAM60S09-xxx/BP, xxx= 315 to 320 in steps of 5;  
 JAM72S10-xxx/BP, xxx= 385 to 400 in steps of 5;  
 JAM60S10-xxx/BP, xxx= 320 to 330 in steps of 5;  
 JAM72S02-xxx/PR, xxx= 345 to 390 in steps of 5;  
 JAM60S02-xxx/PR, xxx= 285 to 325 in steps of 5;  
 JAM72S02-xxx/SC, xxx= 320 to 365 in steps of 5;  
 JAM60S02-xxx/SC, xxx= 265 to 305 in steps of 5;  
 JAM72S02-xxx/MR, xxx= 365 to 385 in steps of 5;  
 JAM60S02-xxx/MR, xxx= 305 to 320 in steps of 5;  
 JAM72S08-xxx/PR, xxx= 360 to 395 in steps of 5;



Product Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

## CERTIFICATE

No. Z2 072092 0295 Rev. 45

JAM60S08-xxx/PR, xxx= 300 to 330 in steps of 5;  
 JAM72S12-xxx/PR, xxx= 365 to 385 in steps of 5;  
 JAM60S12-xxx/PR, xxx= 305 to 330 in steps of 5;  
 JAM72S17-xxx/PR, xxx= 380 to 390 in steps of 5;  
 JAM60S17-xxx/PR, xxx= 315 to 325 in steps of 5;  
 JAM72S17-xxx/MR, xxx= 390 to 430 in steps of 5;  
 JAM60S17-xxx/MR, xxx= 315 to 355 in steps of 5;  
 JAM72S10-xxx/MB, xxx= 395 to 415 in steps of 5;  
 JAM60S10-xxx/MB, xxx= 330 to 345 in steps of 5;  
 JAM72S20-xxx/MR, xxx= 430 to 470 in steps of 5;  
 JAM60S20-xxx/MR, xxx= 355 to 390 in steps of 5;  
 JAM78S10-xxx/MR-J, xxx= 435 to 465 in steps of 5;  
 JAM78S30-xxx/MR, xxx= 580 to 605 in steps of 5;  
 JAM72S30-xxx/MR, xxx= 510 to 555 in steps of 5;  
 JAM66S30-xxx/MR, xxx= 470 to 505 in steps of 5;  
 JAM60S30-xxx/MR, xxx= 435 to 460 in steps of 5;  
 JAM54S30-xxx/MR, xxx= 390 to 415 in steps of 5;  
 JAM60S21-xxx/MR, xxx= 355 to 390 in steps of 5;  
 JAM50S40-xxx/MR, xxx= 490 to 500 in steps of 5;  
 JAM72S20-xxx/MB, xxx= 450 to 465 in steps of 5;  
 JAM60S20-xxx/MB, xxx= 375 to 390 in steps of 5;  
 JAM68S11-xxx/PR, xxx= 355 to 365 in steps of 5;  
 JAM68S11-xxx/PR(B), xxx= 345 to 365 in steps of 5;  
 JAM72S31-xxx/MR, xxx= 510 to 545 in steps of 5;  
 JAM66S31-xxx/MR, xxx= 470 to 500 in steps of 5;  
 JAM60S31-xxx/MR, xxx= 425 to 450 in steps of 5;  
 JAM54S31-xxx/MR, xxx= 385 to 405 in steps of 5;  
 JAM76S11-xxx/PR(B), xxx= 395 to 415 in steps of 5;  
 JAM78S30-xxx/GR, xxx= 575 to 600 in steps of 5;  
 JAM72S30-xxx/GR, xxx= 535 to 555 in steps of 5;  
 JAM66S30-xxx/GR, xxx= 500 to 505 in steps of 5;  
 JAM60S30-xxx/GR, xxx= 445 to 460 in steps of 5;  
 JAM54S30-xxx/GR, xxx= 400 to 415 in steps of 5;  
 JAM78S31-xxx/GR, xxx= 570 to 590 in steps of 5;  
 JAM72S31-xxx/GR, xxx= 525 to 545 in steps of 5;  
 JAM66S31-xxx/GR, xxx= 480 to 500 in steps of 5;  
 JAM60S31-xxx/GR, xxx= 435 to 450 in steps of 5;  
 JAM54S31-xxx/GR, xxx= 395 to 405 in steps of 5;  
 JAM72S17-xxx/GR, xxx= 385 to 400 in steps of 5;

1500 V DC Maximum System voltage, Fire Safety Class C Modules:

JAM6(K)-72-xxx/PR/1500V, xxx= 345 to 370 in steps of 5;  
 JAM6(K)-60-xxx/PR/1500V, xxx= 285 to 310 in steps of 5;  
 JAM6(K)-72-xxx/4BB/1500V, xxx= 320 to 345 in steps of 5;  
 JAM6(K)-60-xxx/4BB/1500V, xxx= 265 to 285 in steps of 5;  
 JAM72S01-xxx/SC/1500V, xxx= 320 to 365 in steps of 5;  
 JAM60S01-xxx/SC/1500V, xxx= 265 to 305 in steps of 5;  
 JAM72S01-xxx/PR, xxx= 345 to 390 in steps of 5;  
 JAM60S01-xxx/PR/1500V, xxx= 285 to 325 in steps of 5;  
 JAM72S01-xxx/MR/1500V, xxx= 365 to 385 in steps of 5;  
 JAM60S01-xxx/MR/1500V, xxx= 305 to 320 in steps of 5;  
 JAM72S03-xxx/PR/1500V, xxx= 360 to 395 in steps of 5;  
 JAM60S03-xxx/PR/1500V, xxx= 300 to 330 in steps of 5;  
 JAM72S09-xxx/PR/1500V, xxx= 370 to 405 in steps of 5;  
 JAM60S09-xxx/PR/1500V, xxx= 310 to 335 in steps of 5;  
 JAM72S10-xxx/PR/1500V, xxx= 380 to 410 in steps of 5;  
 JAM60S10-xxx/PR/1500V, xxx= 315 to 345 in steps of 5;  
 JAM72S10-xxx/MR/1500V, xxx= 390 to 430 in steps of 5;  
 JAM60S10-xxx/MR/1500V, xxx= 325 to 355 in steps of 5;  
 JAM60S10-xxx/MR-L/1500V, xxx= 325 to 355 in steps of 5;  
 JAM78S10-xxx/MR/1500V, xxx= 435 to 465 in steps of 5;  
 JAM66S10-xxx/MR/1500V, xxx= 345 to 390 in steps of 5;  
 JAM72S09-xxx/BP/1500V, xxx= 375 to 385 in steps of 5;  
 JAM60S09-xxx/BP/1500V, xxx= 315 to 320 in steps of 5;  
 JAM72S10-xxx/BP/1500V, xxx= 385 to 400 in steps of 5;  
 JAM60S10-xxx/BP/1500V, xxx= 320 to 330 in steps of 5;  
 JAM72S02-xxx/PR/1500V, xxx= 345 to 390 in steps of 5;  
 JAM60S02-xxx/PR/1500V, xxx= 285 to 325 in steps of 5;  
 JAM72S02-xxx/SC/1500V, xxx= 320 to 365 in steps of 5;  
 JAM60S02-xxx/SC/1500V, xxx= 265 to 305 in steps of 5;



Product Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT

## CERTIFICATE

No. Z2 072092 0295 Rev. 45

JAM72S02-xxx/MR/1500V, xxx= 365 to 385 in steps of 5;  
 JAM60S02-xxx/MR/1500V, xxx= 305 to 320 in steps of 5;  
 JAM72S08-xxx/PR/1500V, xxx= 360 to 395 in steps of 5;  
 JAM60S08-xxx/PR/1500V, xxx= 300 to 330 in steps of 5;  
 JAM72S12-xxx/PR/1500V, xxx= 365 to 385 in steps of 5;  
 JAM60S12-xxx/PR/1500V, xxx= 305 to 330 in steps of 5;  
 JAM72S17-xxx/PR/1500V, xxx= 380 to 390 in steps of 5;  
 JAM60S17-xxx/PR/1500V, xxx= 315 to 325 in steps of 5;  
 JAM72S17-xxx/MR/1500V, xxx= 390 to 430 in steps of 5;  
 JAM60S17-xxx/MR/1500V, xxx= 315 to 355 in steps of 5;  
 JAM72S10-xxx/MB/1500V, xxx= 395 to 415 in steps of 5;  
 JAM60S10-xxx/MB/1500V, xxx= 330 to 345 in steps of 5;  
 JAM72S20-xxx/MR/1500V, xxx= 430 to 470 in steps of 5;  
 JAM60S20-xxx/MR/1500V, xxx= 355 to 390 in steps of 5;  
 JAM78S30-xxx/MR/1500V, xxx= 580 to 605 in steps of 5;  
 JAM72S30-xxx/MR/1500V, xxx= 510 to 555 in steps of 5;  
 JAM66S30-xxx/MR/1500V, xxx= 470 to 505 in steps of 5;  
 JAM60S30-xxx/MR/1500V, xxx= 435 to 460 in steps of 5;  
 JAM54S30-xxx/MR/1500V, xxx= 390 to 415 in steps of 5;  
 JAM60S21-xxx/MR/1500V, xxx= 355 to 390 in steps of 5;  
 JAM50S40-xxx/MR/1500V, xxx= 490 to 500 in steps of 5;  
 JAM72S20-xxx/MB/1500V, xxx= 450 to 465 in steps of 5;  
 JAM60S20-xxx/MB/1500V, xxx= 375 to 390 in steps of 5;  
 JAM72S31-xxx/MR/1500V, xxx= 510 to 545 in steps of 5;  
 JAM66S31-xxx/MR/1500V, xxx= 470 to 500 in steps of 5;  
 JAM60S31-xxx/MR/1500V, xxx= 425 to 450 in steps of 5;  
 JAM54S31-xxx/MR/1500V, xxx= 385 to 405 in steps of 5;  
 JAM76S11-xxx/PR(B)/1500V, xxx= 395 to 415 in steps of 5;  
 JAM78S30-xxx/GR/1500V, xxx= 575 to 600 in steps of 5;  
 JAM72S30-xxx/GR/1500V, xxx= 535 to 555 in steps of 5;  
 JAM66S30-xxx/GR/1500V, xxx= 500 to 505 in steps of 5;  
 JAM60S30-xxx/GR/1500V, xxx= 445 to 460 in steps of 5;  
 JAM54S30-xxx/GR/1500V, xxx= 400 to 415 in steps of 5;  
 JAM78S31-xxx/GR/1500V, xxx= 570 to 590 in steps of 5;  
 JAM72S31-xxx/GR/1500V, xxx= 525 to 545 in steps of 5;  
 JAM66S31-xxx/GR/1500V, xxx= 480 to 500 in steps of 5;  
 JAM60S31-xxx/GR/1500V, xxx= 435 to 450 in steps of 5;  
 JAM54S31-xxx/GR/1500V, xxx= 395 to 405 in steps of 5;  
 JAM72S17-xxx/GR/1500V, xxx= 385 to 400 in steps of 5;  
 xxx is standing for rated output power at STC

### Parameters:

Construction:	Framed or Frameless, with Junction box, Cable and Connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China
Safety Class:	Class II
Maximum System Voltage:	1500 V DC or 1000 V DC
Fire Safety Class:	Class C or Class A according to UL790.
Production Facility(ies):	079395, 105674, 107160, 095903, 090968, 096558, 108293, 102852, 108746, 072092, 109998, 112017, 108944, 004170, 112715, 113691, 113943, 114922.



ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

## CERTIFICATE

No. Z2 072092 0295 Rev. 45

**Tested according to:**

- IEC 61215-1:2016
- EN 61215-1:2016
- IEC 61215-1-1:2016
- EN 61215-1-1:2016
- IEC 61215-2:2016
- EN 61215-2:2017
- IEC 61730-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-1:2018/AC:2018-06
- IEC 61730-2:2016
- EN IEC 61730-2:2018
- EN IEC 61730-2:2018/AC:2018-06





## Konformitätserklärung zu Deye SUN600G3-EU-230

### Certificate of The Network and System Protection Zertifikat für den Netz- und Anlagenschutz


Certificate No. (Zertifikats-Nr.): CN-PV-220187

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specification(s)/standard(s) at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Anhand der durchgeführten Tests wurde festgestellt, dass die Probe (n) des nachstehenden Produkts zum Zeitpunkt der Durchführung der Tests den Anforderungen der angegebenen Spezifikation (n) / Norm (en) entsprechen. Dies bedeutet nicht, dass Intertek die Herstellung (en) überwacht oder kontrolliert hat. Der Hersteller stellt sicher, dass der Herstellungsprozess die Übereinstimmung der Produktionseinheiten mit den in diesem Zertifikat genannten geprüften Produkten sicherstellt.

<b>Applicant:</b> (Antragsteller)	<b>NingBo Deye Inverter Technology Co., Ltd.</b> No. 26 South Yongjiang Road, Daqi, Beilun, NingBo, China
<b>Type of NS protection:</b> (Typ NA-Schutz)	<b>Integrierter NA-Schutz</b>
<b>Assigned to power generation unit of type:</b> (Zugeordnet zu Erzeugungseinheit Typ)	<b>SUN300G3-EU-230, SUN500G3-EU-230, SUN600G3-EU-230, SUN800G3-EU-230, SUN1000G3-EU-230, SUN1300G3-EU-230, SUN1600G3-EU-230, SUN1800G3-EU-230, SUN2000G3-EU-230</b>
<b>Firmware version:</b> (Firmwareversion)	<b>DC: Ver0107 AC: Ver2.5</b>
<b>Brandname:</b> (Markenname)	<b>Deye</b>
<b>Network connection rule:</b> (Netzanschlussregel)	<b>VDE-AR-N 4105:2018-11 "Erzeugungsanlagen am Niederspannungsnetz" Technische Mindestanforderungen für Anschluss und Parallelbetrieb von Erzeugungsanlagen am Niederspannungsnetz</b>  <b>DIN VDE V 0124-100 (VDE V 0124-100):2020-06 "Netzintegration von Erzeugungsanlagen – Niederspannung"</b>  Prüfanforderungen an Erzeugungseinheiten vorgesehen zum Anschluss und Parallelbetrieb am Niederspannungsnetz
<b>Test Report No.:</b> (Prüfbericht-Nr.)	220701547SHA-003 220701547SHA-004
<b>Certificate Issuing Office:</b> (Stelle des ausgestellten Zertifikats)	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012

The network and system protection designated above meets the requirements of VDE-AR-N 4105: 2018.  
Der oben bezeichnete Netz- und Anlagenschutz erfüllt die Anforderungen der VDE-AR-N 4105: 2018.

  
**Signature: (Unterschrift)**  
**Certification Manager: Qiao Qiao**  
**Date (Datum): 06 September 2022**



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Dieses Zertifikat ist ausschließlich für den Kunden von Intertek bestimmt und wird gemäß der Vereinbarung zwischen Intertek und seinem Kunden zur Verfügung gestellt. Die Verantwortung und Haftung von Intertek ist auf die Vertragsbedingungen beschränkt. Intertek übernimmt keine Haftung gegenüber anderen Parteien als dem Kunden gemäß der Vereinbarung für Verluste, Kosten oder Schäden, die durch die Verwendung dieses Zertifikats entstehen. Nur der Kunde ist berechtigt, das Kopieren oder Verteilen dieses Zertifikats zuzulassen. Jede Verwendung des Intertek-Namens oder einer seiner Marken für den Verkauf oder die Werbung für das getestete Material, Produkt oder die getestete Dienstleistung muss zuerst von Intertek schriftlich genehmigt werden.



## VERIFICATION OF COMPLIANCE

No.:	LVD GZES2106020351PV
Applicant:	NingBo Deye Inverter Technology Co., Ltd. No.26 South YongJiang Road, Daqi, Beilun, NingBo, China.
Manufacturer:	NingBo Deye Inverter Technology Co., Ltd. No.26 South YongJiang Road, Daqi, Beilun, NingBo, China.
Product Description:	Single phase inverter
Product Description:	Inverter used in PV system
Model No.:	SUN300G3-EU-230, SUN400G3-EU-230, SUN500G3-EU-230, SUN600G3-EU-230, SUN800G3-EU-230, SUN1000G3-EU-230, SUN1300G3-EU-230, SUN1600G3-EU-230, SUN1800G3-EU-230, SUN2000G3-EU-230.
Trade Mark:	
Rating:	Refer to page 2 and 3
Protection against Electric Shock:	Class I
Degree of Protection:	IP 67
Additional Information:	Hardware version: Ver2.3 DC Software version: Ver0107, AC Software version: Ver2.5
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	EN 62109-1:2010 EN 62109-2:2011
as shown in the	
Test Report Number(s):	GZES210602035101, GZES210602035102

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.

  
David Guo  
Senior Technical Manager  
SGS-CSTC




2021-06-17

Gehäuse-Schutzart	IP67
Merkmale	
Kompatibilität	Kompatibel mit PV-Modulen mit 60 bis 72 Zellen
Kommunikation	WIFI / Zigbee
Netzanschluss-Standard	VDE4105 IEC61727/62116 VDE0126 AS4777.2 CEI 0 21 EN50549-1 G98 G99 C10-11 UNE217002 NBR16149/NBR16150
Sicherheit EMC / Norm	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3
Garantie	10 Jahre