

1 October 2026

NingBo Deye Inverter Technology Co., Ltd.
No. 26 South Yongjiang Road, Daqi
Ningbo, Beilun 315800
CHINA

Attention: Shirley Xu, Intertek Testing Services (Shanghai FTZ) Co., Ltd

CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Certificate of Suitability EESS-260756-0.

Please check and ensure the details are correct in accordance with your application.

It was identified that the applied equipment was categorised as in-scope level 1 equipment, as defined in AS/NZS 4417.2. The ERAC Equipment Safety Rules do not require these certification details to be included to the EESS Platform for this category of equipment. This does not negate any requirements for responsible supplier or EESS equipment declarations/registrations on the eess.gov.au website. Due to this, certificate details can be found online on the JASANZ website [certificate register](#) and also on our Conformity Certificate Register [Certificate Search](#) but will not be uploaded to the EESS Platform.

We remind you that the Regulatory Compliance Mark (RCM) must be used in accordance with its conditions of use as set out in the latest edition of [AS/NZS 4417.1](#).

This certification is based on type testing, modification to the certified product in any way must be notified to EESS Conformity Certification for endorsement. Details of the modification must be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Any change to the name or address of the certificate holder must be notified to EESS Conformity Certification within one calendar month. Changes may be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

An application for the transfer of Certificate from the existing Certificate Holder to another/new Certificate Holder may be made to EESS Conformity Certification by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Finally, please use the QR code below to take our two-minute survey and comment on our service.

Should you have any further queries, please contact us.

Yours sincerely,

Lloyd Knipe
Managing Director
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



We'd love to know what you thought of our service. Please scan to fill in a brief survey or visit www.eessconformity.com



Certificate No.: EESS-260756-0

CERTIFICATE OF SUITABILITY

Certificate Holder: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi
Ningbo, Beilun 315800
CHINA

Regulatory Definition: Non-Declared

Product Type: Hybrid Inverter

Trade Name(s): Deye

Model No(s): SUN-3K-SG05LP3- AU-SM2, SUN-4K-SG05LP3- AU-SM2, SUN-5K-SG05LP3- AU-SM2,
SUN-6K-SG05LP3- AU-SM2, SUN-8K-SG05LP3-AU-SM2, SUN-10K-SG05LP3-AU-SM2,
SUN-12K-SG05LP3-AU-SM2

Ratings: *Refer to Certificate Addendum for Model & Rating details*

Standard(s): IEC 62109-1:2010 & IEC 62109-2:2011
- (reference test report CN24V6IS 003 issued 22-09-2026)
AS/NZS 4777.2:2020 + A1 + A2
- (reference test report 2607B2034SHA-001 issued 22-07-2026)

Condition(s): To be installed by licensed electrician in accordance with the AS/NZS Wiring Rules, the CEC guidelines and the manufacturer's installation manual.

Required Marking: The Regulatory Compliance Mark (RCM) in accordance with its conditions of use as set out in the latest edition of AS/NZS 4417.1

Date of Issue: 1 October 2026

Valid Until: 1 October 2031

This certificate is issued by Conformity Certification Services Pty Ltd (CCS) in accordance with the CCS Electrical Product Safety Certification Scheme (EPSC-CCS) as accredited by JAS-ANZ under ISO/IEC 17065. CCS certifies that the Electrical Equipment as described on this certificate complies with the requirements for which the application has been made. This certificate is not issued under the regulator's recognition for RECS. Certification is based on type testing and within our terms and conditions.

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-260756-0

CERTIFICATE ADDENDUM

Model & Rating details					
Model No		SUN-3K-SG05LP3-AU-SM2	SUN-4K-SG05LP3-AU-SM2	SUN-5K-SG05LP3-AU-SM2	SUN-6K-SG05LP3-AU-SM2
PV input side	V _{MAX} Input [Vd.c.]	800	800	800	800
	MPPT Voltage Range [Vd.c.]	200-650	200-650	200-650	200-650
	MPPT Full Power Voltage Range[Vd.c.]	250-650	250-650	250-650	250-650
	Isc PV[Ad.c.]	30+30	30+30	30+30	30+30
	Maximum DC Input Current [Ad.c.]	20+20	20+20	20+20	20+20
	Start PV Voltage [Vd.c.]	160	160	160	160
	Overvoltage Category (OVC)	II	II	II	II
	No. of MPP Trackers/No. of Strings per MPP Tracker	2/1+1	2/1+1	2/1+1	2/1+1
Battery side	Input Voltage Range [Vd.c.]	40-60	40-60	40-60	40-60
	Max. battery charge current [Ad.c.]	70	95	120	135
	Max. battery discharge current [Ad.c.]	70	95	120	135
	Battery Type	Lead-acid or Lithium-ion			

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-260756-0

CERTIFICATE ADDENDUM

Model & Rating details					
Model No		SUN-3K-SG05LP3-AU-SM2	SUN-4K-SG05LP3-AU-SM2	SUN-5K-SG05LP3-AU-SM2	SUN-6K-SG05LP3-AU-SM2
AC output side	Rated Output Voltage Ur [Va.c.]	3L/N/PE 230/400, 240/415			
	Rated Output Frequency F _{NETZ} [Hz]	50	50	50	50
	Rated Output Power P _E [kW]	3	4	5	6
	Max./ Rated Output Apparent Power[kVA]	3	4	5	6
	Rated. Output Current I _r [Aa.c.]	4.4	5.8	7.3	8.7
	Max. Output Current I _{max} [Aa.c.]	4.4	5.8	7.3	8.7
	Power Factor cosφ [λ]	-0.8 to 0.8	-0.8 to 0.8	-0.8 to 0.8	-0.8 to 0.8
	Overvoltage Category (OVC)	III	III	III	III
Grid input rating	Rated Input Voltage [Va.c.]	3L/N/PE 230/400, 240/415			
	Rated Input Frequency [Hz]	50	50	50	50
	Max input apparent power [kVA]	3	4	5	6
	Max input current [Aa.c.]	4.4	5.8	7.3	8.7

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-260756-0

CERTIFICATE ADDENDUM

Model & Rating details					
Model No		SUN-3K-SG05LP3-AU-SM2	SUN-4K-SG05LP3-AU-SM2	SUN-5K-SG05LP3-AU-SM2	SUN-6K-SG05LP3-AU-SM2
GEN Port	Rated Input Voltage Ur [Va.c.]	3L/N/PE 230/400, 240/415			
	Rated Input Frequency F _{NETZ} [Hz]	50	50	50	50
	Rated. Input Current Ir [Aa.c.]	24	24	24	24
System	Protective Class	I			
	Enclosure Protection (IP)	IP65			
	Operating Temperature Range [°C]	-40 to +60 (>45 derating)			
	Pollution degree (PD)	PD 3			
	Altitude [m]	3000			
	Weight [kg]	35.2			
	Dimension [W*H*D (mm)]	386*660*250			
	Type of inverter	non isolated			

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-260756-0

CERTIFICATE ADDENDUM

Model & Rating details				
Model No		SUN-8K-SG05LP3-AU-SM2	SUN-10K-SG05LP3-AU-SM2	SUN-12K-SG05LP3-AU-SM2
PV input side	V _{MAX} Input [Vd.c.]	800	800	800
	MPPT Voltage Range [Vd.c.]	200-650	200-650	200-650
	MPPT Full Power Voltage Range[Vd.c.]	250-650	350-650	350-650
	Isc PV[Ad.c.]	30+30	39+39	39+39
	Maximum DC Input Current [Ad.c.]	20+20	26+26	26+26
	Start PV Voltage [Vd.c.]	160	160	160
	Overvoltage Category (OVC)	II	II	II
	No. of MPP Trackers/No. of Strings per MPP Tracker	2/1+1	2/2+2	2/2+2
Battery side	Input Voltage Range [Vd.c.]	40-60	40-60	40-60
	Max. battery charge current [Ad.c.]	190	210	240
	Max. battery discharge current [Ad.c.]	190	210	240
	Battery Type	Lead-acid or Lithium-ion		
AC output side	Rated Output Voltage Ur [Va.c.]	3L/N/PE 230/400, 240/415		
	Rated Output Frequency F _{NETZ} [Hz]	50	50	50
	Rated Output Power P _E [kW]	8	9.999	12
	Max./Rated Output Apparent Power[kVA]	8	9.999	12
	Rated. Output Current Ir [Aa.c.]	11.6	14.5	17.4
	Max. Output Current I _{max} [Aa.c.]	11.6	14.5	17.4
	Power Factor cosφ [λ]	-0.8 to 0.8	-0.8 to 0.8	-0.8 to 0.8
	Overvoltage Category (OVC)	III	III	III

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-260756-0

CERTIFICATE ADDENDUM

Model & Rating details				
Model No		SUN-8K-SG05LP3-AU-SM2	SUN-10K-SG05LP3-AU-SM2	SUN-12K-SG05LP3-AU-SM2
Grid input rating	Rated Input Voltage [Va.c.]	3L/N/PE 230/400, 240/415		
	Rated Input Frequency [Hz]	50	50	50
	Max/ input apparent power [kVA]	8	9.999	12
	Max. input current [Aa.c.]	11.6	14.5	17.4
GEN Port	Rated Input Voltage Ur [Va.c.]	3L/N/PE 230/400, 240/415		
	Rated Input Frequency F _{NETZ} [Hz]	50	50	50
	Rated. Input Current Ir [Aa.c.]	24	24	24
System	Protective Class	I	I	I
	Enclosure Protection (IP)	IP65	IP65	IP65
	Operating Temperature Range [°C]	-40 to +60 (>45 derating)		
	Pollution degree (PD)	PD 3		
	Altitude [m]	3000		
	Weight [kg]	35.2		
	Dimension [W*H*D (mm)]	386*660*250		
	Type of inverter	non isolated		

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification