

Certificate of Conformity (COC)



Certificate Holder : Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South Yongjiang Road, Daqi, Beilun, NingBo, China

Date of Original Issue : 2025-05-30

Date of Last Revision : --

Date of Expiry : 2028-05-29

Certificate Number : PCS-25-1105

Product : Utility-Interactive Inverter

Ratings : See appendix on page 2 to page 3

Brand/Trademark : 

Model(s) : See appendix on page 2 to page 3

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Testing Report : GZES250400593001 and GZES250400593002

Test Standard : IEC 61683: 1999, IEC 60068-2-1: 2007, IEC 60068-2-2: 2007, IEC 60068-2-14: 2009 and IEC 60068-2-30: 2005



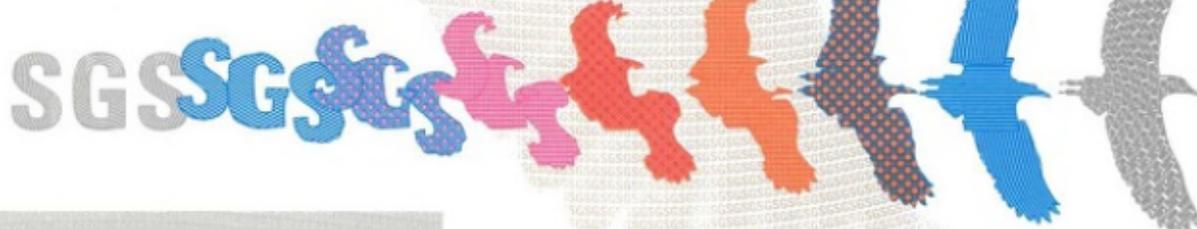
This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee
Certification Officer

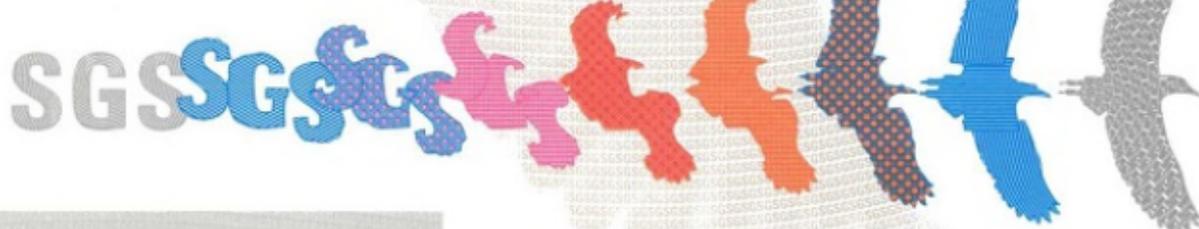
SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957



PD-2016-15



Product Model	SUN-M130G4-EU-Q0	SUN-M160G4-EU-Q0	SUN-M180G4-EU-Q0	SUN-M200G4-EU-Q0	SUN-M220G4-EU-Q0
Input (DC)					
Max. PV Input Voltage (V)	60				
Start-up Voltage (V)	20				
PV Input Voltage Range (V)	20-60				
MPPT Operating Range (V)	25-55				
Full Load MPPT Voltage Range (V)	29-55	31.5-55	33-55	36.5-55	37.5-55
Rated PV Input Voltage (V)	42.5				
Max. Operating PV Input Current (A)	4*15				4*18
Max. Input Short-Circuit Current (A)	4*22.5				4*27
No. of MPP Trackers/No. of Strings Per MPP Tracker	4/1				
Output (AC)					
Rated AC Output Active Power (W)	1300	1600	1800	2000	2200
Max. Apparent Power (VA)	1300	1600	1800	2000	2200
Rated AC Output Current (A)	5.7	7.0	7.9	8.7	9.6
Max.AC Output Current (A)	5.7	7.0	7.9	8.7	9.6
Rated Output Voltage (V)	230				
Grid Connection Form	L+N+PE				
Nominal Frequency (Hz)	50				
Power Factor	0.9 leading to 0.9 lagging				
Genera Data					
Inverter Topology	Isolated				
Ingress Protection (IP) Rating	IP67				
Protective Level	Class I				
Type of Cooling	Natural Cooling				
Operating Temperature Range	-40°C to +65°C, >45°C derating				



Product Model	SUN-M130G4-EU-Q0-I	SUN-M160G4-EU-Q0-I	SUN-M180G4-EU-Q0-I	SUN-M200G4-EU-Q0-I	SUN-M220G4-EU-Q0-I
Input (DC)					
Max. PV Input Voltage (V)	60				
Start-up Voltage (V)	20				
PV Input Voltage Range (V)	20-60				
MPPT Operating Range (V)	25-55				
Full Load MPPT Voltage Range (V)	29-55	31.5-55	33-55	36.5-55	37.5-55
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