

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 : 2025-06-19

Date of Last Revision : --

Date of Expiry : 2028-06-18

Certificate Number : PCS-25-1118

Product : Photovoltaic Grid-connected Microinverter

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 : GZES250300376401 and GZES250300376402

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-M60G4-EU-Q0-P	SUN-M60G4-EU-Q0	SUN-M80G4-EU-Q0-P	SUN-M80G4-EU-Q0	SUN-M100G4-EU-Q0-P	SUN-M100G4-EU-Q0
PV Input						
Max. PV Input Voltage (V)	60					
Start-up Voltage (V)	20					
PV Input Voltage Range (V)	20-60					
MPPT Voltage Range (V)	25-55					
Rated PV Input Voltage (V)	42.5					
Full Load MPPT Voltage Range (V)	30-55		33-55		40-55	
Max. Input Short Circuit Current (A)	27*2	19.5*2	27*2	19.5*2	27*2	19.5*2
Max. Operating PV Input Current (A)	18*2	13*2	18*2	13*2	18*2	13*2
No. of MPP Trackers/ No. of Strings per MPP Tracker	2/1					
AC Output						
Rated AC Output Active Power (W)	600		800		1000	
Max.AC Output Apparent Power (VA)	600		800		1000	
Rated AC Output Current (A)	2.7		3.5		4.4	
Max.AC Output Current (A)	2.7		3.5		4.4	
Rated Output Voltage (V)	L/N/PE, 230/400 V					
Rated Output Frequency (Hz)	50					
Power Factor Adjustment Range	0.9 leading to 0.9 lagging					
General Data						
Operating Temperature Range	-40°C to +65°C, > 45°C derating					
Ingress Protection (IP) Rating	IP67					
Type Of Cooling	Natural cooling					
Protection Level	Class I					



Product Model	SUN-E60G4-EU-Q0	SUN-E80G4-EU-Q0	SUN-E100G4-EU-Q0
PV Input			
Max. PV Input Voltage (V)	60		
Start-up Voltage (V)	20		
PV Input Voltage Range (V)	20-60		
MPPT Voltage Range (V)	25-55		
Rated PV Input Voltage (V)	42.5		
Full Load MPPT Voltage Range (V)	30-55	33-55	37.5-55
Max. Input Short Circuit Current (A)	22.5*2		
Max. Operating PV Input Current (A)	15*2		
No. of MPP Trackers/ No. of Strings per MPP Tracker	2/1		
AC Output			
Rated AC Output Active Power (W)	600	800	1000
Max.AC Output Apparent Power (VA)	600	800	1000
Rated AC Output Current (A)	2.7	3.5	4.4
Max.AC Output Current (A)	2.7	3.5	4.4
Rated Output Voltage (V)	L/N/PE, 230/400 V		
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