

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 : 2024-08-27

Date of Last Revision : --

Date of Expiry : 2027-08-26

Certificate Number : PCS-24-1124

Product : Hybrid Inverter

Ratings : See appendix on page 2

Brand/Trademark : 

Model(s) : See appendix on page 2

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

Testing Report : SUEE240800009251

Test Standard : IEC 62116: 2014



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



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Model	SUN-3K-SG03LP1-EU	SUN-3.6K-SG03LP1-EU	SUN-5K-SG03LP1-EU	SUN-6K-SG03LP1-EU
PV Input				
Max. DC Input Power (W)	3900	4680	6500	7800
Max.DC Voltage (V)	500			
Start-up input voltage (V)	125			
Rated input voltage (V)	370			
MPPT Voltage Range (V)	150-425			
Full Load DC Voltage Range (V)	300-425			
PV Input Current(A)	13/13			
Max.PV Isc (A)	17/17			
Battery Input				
Battery Type	Lead-acid or Li-Ion			
Battery Voltage (V)	40-60			
Max. Charging Current (A)	70	90	120	135
Max. Discharging Current (A)	70	90	120	135
AC Output				
Rated AC Output Active Power (W)	3000	3600	5000	6000
Max.AC Output Active Power (W)	3300	3960	5500	6600
Rated AC Output Current (A)	13.0	15.7	21.7	26.1
Max.AC Output Current (A)	14.3	17.2	23.9	28.7
Rated Output Voltage (V)	230			
Grid Connection Form	L/N/PE			
Rated Output Grid Frequency (Hz)	50			
Power Factor Adjustment Range	0.8 leading to 0.8 lagging			
General Data				
Operating Temperature Range	-40 °C to + 60 °C, > 45 °C Derating			
Topology	Non-Isolated			
Ingress Protection	IP65			
Protective Class	Class I			
Cooling Method	Intelligent Air Cooling			

