

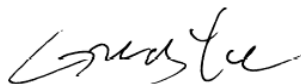
Certificate of Conformity

Certificate Number: CN-PV-200041

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

Applicant:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China
Product:	Hybrid inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	SUN-3.6K-SG03LP1-EU; SUN-5K-SG03LP1-EU
Brand Name:	
Tested according to:	RD1699:2011 UNE 206006 IN:2011 UNE 206007-1 IN:2013 Regulating the connection to the electrical grid of small-scale power generation facilities
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Reports No:	200407085GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 18 May 2020

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200041

Ratings & Principle Characteristics:

Model	SUN-3.6K-SG03LP1-EU	SUN-5K-SG03LP1-EU
PV Input		
Max. DC input Voltage:	500Vdc	
PV Isc	16.5A*2	
DC input range:	100-500Vdc	
Battery Input		
Battery Type	Lead acid or Lithium-ion	
Battery Voltage Range	40Vdc-60Vdc	
Max Charging Current	90A	120A
Max Discharge Current	90A	120A
Output		
Nominal AC output voltage:	230Vac	
Nominal frequency:	50Hz	
Nominal output power:	3600W	5000W
Max output current:	3960W	5500W
Rated AC Current	15.7A	21.7A
Max AC Current	18A	25A
Power factor:	0.8 Leading to 0.8 Lagging	
Ingress protection:	IP65	
Protection Class:	Class I	
Operation Ambient Temp	-25°C to +60°C	
Software Version	Ver0108	

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