



**BUREAU
VERITAS**

Certificate of compliance

with the requirements of the standard Dubai Electricity & Water Authority

CERTIFICATION ORGANIZATION: Bureau Veritas Consumer Products Services Germany GmbH
Accreditation to DAkkS, D-ZE-12024-01-00, ref. to DIN EN ISO/IEC 17065

STANDARD / GUIDE: Dubai Electricity & Water Authority
Standards for distributed renewable resources generators connected to the distribution network
Version 2.0 March 2016
Appendix D.3 Inverters for Low voltage connected RRGUs

TYPE OF SYSTEM DECLARED:

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
X	X	X	

MANUFACTURER NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo
China

PRODUCT TYPE	Photovoltaic Inverter		
MODEL	SUN-40K-G04	SUN-45K-G04	SUN-50K-G04
NOMINAL POWER [kW]	40,0	45,0	50,0

FIRMWARE VERSION 5412-0326

PHASE NUMBER Three-phase

NOTE:

The device is able to limit the Idc to 0.5% of the nominal current.

The device is for systems up 400kW.

The inverters of manufacturer NingBo Deye Inverter Technology Co., Ltd. have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the $\cos \phi$ wanted.

LABORATORY THAT HAS DONE THE TESTING:

Bureau Veritas Consumer Products Services Germany GmbH
Accreditation to DAkkS, D-PL-12024-03-04, ref. to DIN EN ISO/IEC 17025

After reviewing the Manufacturer's ISO 9001 No. 50052889 QM15, issued by DQS AP Ltd., and after reviewing the Test-reports with No. ASUE-ESH-P24020156 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH. the listed products are conform with the requirements according to Dubai Electricity & Water Authority "Standards for distributed renewable resources generators connected to the distribution network" Version 2.0 March 2016, Appendix D.3 Inverters for Low voltage connected RRGUs.

Certificate number: U24-0277

Certification Program: NSOP-0032-DEU-ZE-V01

Data of issue: 2024-04-12



Certification body Bureau Veritas Consumer Products Services Germany GmbH accreditation to DIN EN ISO/IEC 17065

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH