

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50685157 0001

Berichtsnummer Report No.:

CN25SN68 001

Genehmigungsinhaber License Holder:

INVT Solar Technology (Shenzhen)
Co., Ltd.
6th Floor, Block A, INVT Guangming
Technology Building, Kejie Fourth Road,
Shutianpu Community, Matian Guangming District,
Shenzhen,
518000 Guangdong
P.R. China

Fertigungsstätte Manufacturing Site:

Shenzhen INVT Electric Co., Ltd.
Bao'an Branch
F1-F4, No.3 Building,
Emerson Industrial Park, Fengtang Road,
Tangwei Community, Fuhai, Bao'an District,
Shenzhen
518103 Guangdong
P.R. China

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 62109-2:2011
IEC 62109-1:2010
EN 62109-1:2010
EN 62109-2:2011
IEC 62477-1:2012+A1
EN 62477-1:2012+A11+A1+A12

Geräteidentifikation
Product Identification

Produkt: PV-Inverter
Product: (Hybrid Inverter)
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: Type designation(s) are listed on the next page(s)
Technische Daten: Technical data(s) are listed on the next page(s)
Technical Data: ANLAGE (Appendix): 1

Gültig ab: 2025-07-04
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2025-07-24
Date of issue:

A. Chen



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50685157 0001

Berichtsnummer *Report No.:*

CN25SN68 001

Produkt *Product:* PV-Inverter
(Hybrid Inverter)

Modell *Type:* **Bezeichnung** *Designation:*

 1) iMars XD30KTR , 2) iMars XD40KTR ,
3) iMars XD50KTR , 4) iMars XD60KTR

Vmax PV Voltage [V d.c.]	: 1100
MPPT Voltage Range [V d.c.]	: 180-900
Max. Input Current [A d.c.]	: 1)40*3, 2)3)4)40*4
Isc PV [A d.c.]	: 1)60*3, 2)3)4)60*4

Battery Voltage Range [V d.c.]	: 160-800
Max. Charge/Discharge Current [A d.c.]	: 100*2

Rated Input/Output Voltage [V a.c.]	: 220/380, 230/400, 3L+N+PE
Rated Input/Output Freq. [Hz]	: 50/60
Max. Output Current [A a.c.]	: 1)50, 2)65.7 3)83.4, 4)100
Rated Output Power [kW]	: 1)30, 2)40, 3)50, 4)60
Max. Output Apparent Power [kVA]	: 1)33, 2)44, 3)55, 4)66
Power Factor Range	: 0.8Leading - 0.8Lagging

Off-grid Output Rated Voltage [V a.c.]	: 220/380, 230/400, 3L+N+PE
Off-grid Output Freq. [Hz]	: 50/60
Off-grid Output Rated Current [A a.c.]	: 1)45.6, 2)60.7, 3)75.8, 4)91
Off-grid Output Rated Power [kW]	: 1)30, 2)40, 3)50, 4)60
Overvoltage Category(OVC)	: II for PV Side III for AC Mains

Protective Class	: Class I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: External for PD3 Internal for PD2

Max. operation altitude [m]	: 4000
Operating Temperature [°C]	: -30 to 60 (>45 derating)
Hardware version	: 12006-00510
Firmware version	: XDAS1.0
Type of Inverter	: Non-isolated
Size L*W*D(mm)	: 820*618*295
Weight(kg)	: 92

Remark(s):The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally