

# Certificate

of Conformity

This certifies that below described product(s) of the company:

**Hansol EnergyON co., Ltd.**

140 Gwahaksaneop 1-ro, Oksan-myeon, Heungdeok-gu,  
Cheongju-si, Chungcheongbuk-do,  
Republic of Korea

comply to the essential requirements of the following standards

Manufacturer and factory(-ies): See Annex 1

Trademark: See Annex 1

Description of product(s)  
(details see Annex 2): **Energy storage converter**

Certification program: P31-VA-01 Rev. 03 / 02.25      Certification scheme type: type 1a acc. to ISO/IEC 17067:2013

Certification fundamental(s): EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of TÜV NORD CERT GmbH. The company may use this certificate as a basis of compliance with 2014/35/EU - low voltage directive, together with EU declaration of conformity (DoC) issued by the company. The CE marking may be affixed on the product if all relevant and effective directives and requirements are complied with, under full responsibility of the company.

Registration no.: 44 799 26 406749 - 163

Report no.: 492014333.001

File no.: PVP03089/26E-007

Essen, 2026-05-11

Certification Body - Energy Storage Systems

**TÜV NORD CERT GmbH**

Am TÜV 1, 45307 Essen, Germany

tuev-nord-cert.de | prodcert@tuev-nord.de

Please also pay attention to the information stated overleaf.

TÜV®



Scan the QR code or visit  
<https://cis.tuv-nord.com.cn>  
to verify the validity of the  
certificate

# Annex 1

to certificate registration no. 44 799 26 406749 - 163

**Manufacturer:** **Hansol EnergyON co., Ltd.**  
140 Gwahaksaneop 1-ro, Oksan-myeon, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do,  
Republic of Korea

**Trademark:**  **Hansol**  
EnergyON

**Factory:** **FOXESS CO., LTD.**  
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang,  
China

Essen, 2026-05-11

Certification Body - Energy Storage Systems

**TÜV NORD CERT GmbH**

Am TÜV 1, 45307 Essen, Germany

tuev-nord-cert.de | prodcert@tuev-nord.de

# Annex 2

to certificate registration no. 44 799 26 406749 - 163

## Description of product(s):

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Model or Type designation           | M-PCS-100                              |
| DC parameter:                       |                                        |
| DC voltage range [Vd.c.]..... :     | 660-900                                |
| Maximum DC current [Ad.c.]..... :   | 167                                    |
| Overvoltage Category (OVC)          | II                                     |
| AC parameter:                       |                                        |
| Rated AC power [kW]..... :          | 100                                    |
| Maximum apparent power [kVA]..... : | 110                                    |
| Rated AC current [Aa.c.]..... :     | 145                                    |
| Maximum AC current [Aa.c.]..... :   | 167                                    |
| Grid rated voltage [Va.c.]..... :   | 230/400, 3L/N/PE                       |
| Grid frequency [Hz]..... :          | 50/60                                  |
| Power factor adjustment range       | 0.8 lagging to 0.8 leading             |
| Overvoltage Category (OVC)          | III                                    |
| General:                            |                                        |
| Protective class                    | Class I                                |
| Inverter topology                   | Non-Isolated                           |
| Operation temperature range         | -25~60°C (>50°C derating)              |
| Altitude                            | 3000m                                  |
| Ingress protection                  | IP20                                   |
| Software Version                    | DSP V6.02.4; ARM V1.02.9; CPLD V1.00.2 |

### Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in the associated report.

Essen, 2026-05-11

Certification Body - Energy Storage Systems

**TÜV NORD CERT GmbH**

Am TÜV 1, 45307 Essen, Germany

tuev-nord-cert.de | prodcert@tuev-nord.de