



Monitoring &
Conformity Assessment Iran

TYPE TEST CERTIFICATE

Certificate No.: **CAC-IR-21/001**

Report: **R-IR-21/001**

Holder: **Jahad Daneshghahi Elm Va Sanat (JDEVS)**
No. 190, Malekloo St., Haidarkhani St., Farjam Ave., Narmak,
Tehran - IRAN

Product: **Auxiliary Converter Module (with Integrated
Battery Charger) and high voltage Box:**
- Output Power: 3 phase 105 KVA, 380 VAC
- Battery Charger: 12KW, 110 VDC, 15 A
- High voltage Box: 750VDC

Reference Standards: **EN 61287-1:2014 and EN 50207:2001**

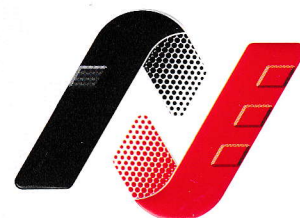
Hereby it is certified that type test has been performed for the above mentioned product, manufactured by **Jahad Daneshghahi Elm Va Sanat (JDEVS)**.
Results of different tests listed in the attachment of this certificate shown that the product is in conformity with the requirements of reference standards.

Issuance Date: **2021-10-19**

Dr. Kamran Rezaie

Validity: **Until any kind of change occurs
in product specifications**

Managing Director & Chair of the Board
PNIRAN



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Attachment to Certificate No. CAC-IR-21/001

List of the conducted tests on the subject product manufactured by
Jahad Daneshgahi Elm Va Sanat (JDEVS):

Item Number	Test Description
1	Verification of dimensions and tolerances
2	Weighting
3	Cooling system performance test
4	Communication test
5	Acoustic noise measurement
6	Temperature rise test
7	Power loss determination
8	Supply overvoltage and transient energy test
9	Sudden variation of load
10	Short time supply interruption test
11	Voltage and frequency range verification
12	Starting and restarting test
13	Tests of mechanical and electrical protection and measuring equipment
14	Output characteristic test
15	Overload capability test
16	Safety requirement inspection
17	Step change of line voltage



پایش و ارزیابی انطباق ایران

شرکت مشارکتی پایش و ارزیابی انطباق ایران (PNIRAN)

بخش خدمات صنعتی

Type Test Report

Date: 2021.10.15	Report No.: R-IR-21/001	Contract No.: 511-21/013
Client: Jihad Daneshghahi Elm va Sanat (JDEVS)	Main Contractor: N.A	Inspection Place : Tehran-Iran
Inspector : Babak Behbahani	Inspection and Test Date : 15.09.2021	Job Title : Product Conformity assessment

1.PRODUCT /SUBJECT SPECIFICATIONS:

۱- مشخصات موضوع یا محصول مورد بازرسی:

- Auxiliary Converter Module (with Integrated Battery Charger) and high voltage Box:
- Output Power: 3 phase 105 KVA, 380 VAC
- Battery Charger: 12KW, 110 VDC, 15 A
- High voltage Box: 750VDC

2.INSPECTION PERFORMED: (DETAILS):

۲- شرح فعالیتهای انجام شده:

۱- بررسی مدارک فنی شامل نقشه تجهیزات، مستندات طراحی، دستورالعملهای انجام آزمونها و گواهیهای کالیبراسیون تجهیزات اندازه گیری

1. Technical documents review including drawings, Design documents, Test procedures and calibration certificates for measurement devices

۲- انجام آزمونها مطابق با الزامات استانداردهای مرتبط به شرح گزارش پیوست

2. Test according to the applicable standards as described in attached Test report

3.NON-CONFORMANCES:

۳-عدم انطباقهای مشاهده شده:(در صورت مشاهده مغایرت)

There is no non-conformances.

عدم انطباقی مشاهده نگردید.

4.CONCLUSION:

۴-نتیجه انجام بازرسی:

آزمونهای نوع بر اساس استانداردهای ذکر شده انجام و انطباق محصول مورد تایید هستند

Compliance to the mentioned standards is confirmed.

5.CORRECTIVE ACTION & RECOMMENDATION:

۵- اقدامات اصلاحی مورد نیاز و پیشنهادات :

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6. ATTACHMENT :

۶-پیوست:

Test report is attached.

نتایج آزمونهای انجام شده به پیوست میاشد.

Inspector / Auditor

Name: B.Behbahani

Sign:

Date 18-06-2020



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شرکت مشارکتی پایش و ارزیابی انطباق ایران

بخش خدمات صنعتی