



Aegis Energies Inc. (DBA: Aegis Electronics)

Has been in operation since 2018, specializing in the research, development, production, and service of power transmission ,distribution as well as control equipment.

Charging
Station

AI Data
Center

Renewable
Energy

Dry-type
Transformer

Liquid
Immersed
Transformer

Energy
Storage
System

Power
Conversion
Systems

Product Certification

Certificate of Compliance

Certificate Number:
UL-US-2419705-0

Report Reference:
E539552-20240517

Issue Date:
2024-05-21

Issued to:

North of Qianjiang Road, East of Yinshan Road, The Second Industrial Park, Tongshan Economic Development Zone, Xuzhou, Jiangsu 221116 China

This certificate confirms that representative samples of:
XPLH - Transformers, Distribution, Liquid-filled Type, Over 600 Volts

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

IEEE C57.12.00, 1st Ed., Issue Date: 2021-11-09

Additional Information:

See UL Product IQ@ at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Pleuch
UL Mark Certification Program Manager



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Form UL-01-2020-CGCa - ver 1.0

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2419705-0
Report reference E539552-20240517
Date 2024-05-21

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
SL-XXXXYY.YYY/Z.ZZZ, where S represents three phase, L represents Winding Material, L represents aluminum, "XXXX" = 50-8800 which represents the rated power 50-8800 KVA, "YY.YYY" = 26,000-36,000 which represents the maximum Hv system voltage 26 KV-36 KV, step with 1 V, "Z.ZZZ" = 0.1-0.66 which represents the maximum Lv system voltage 0.1 KV-0.66 KV, step with 1 V. (X or Y or Z may be blank)	Liquid-filled Substation Type Distribution Transformer



David Pleuch
UL Mark Certification Program Manager



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Certificate of Compliance

Certificate Number:
UL-CA-2415898-0

Report Reference:
E539552-20240517

Issue Date:
2024-05-21

Issued to:

North of Qianjiang Road, East of Yinshan Road, The Second Industrial Park, Tongshan Economic Development Zone, Xuzhou, Jiangsu 221116 China

This certificate confirms that representative samples of:
XPLH7 - Transformers, Distribution, Liquid-filled Type, Over 750 Volts Certified for Canada

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

CSA C2.1-06, 1st Ed., Issue Date: 2006-03-01, Revision Date: 2007-02-01

Additional Information:

See UL Product IQ@ at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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UL Certificate

UL Certificate

UL Certificate

Product Certification



LOW VOLTAGE DIRECTIVE, ELECTROMAGNETIC COMPATIBILITY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.
2014/30/EU Electromagnetic Compatibility Directive and 2014/ 35/EU Low Voltage Directive has been taken as references for these processes.

Company Name : JIANGSU HUACHEN TRANSFORMER CO., LTD.

Company Address : 8th Qiang Jiang Road, Tongshan District, Xuzhou City, Jiangsu Province, China

Related Directives and Annex : 2014/35/EU Low Voltage Directive /Annex II
2014/30/EU Electromagnetic Compatibility Directive /Annex II

Related Standards : EN 60076-1:2011, EN 60076-2:2011, EN 60076-14:2013
EN 61000-3-3:2013+A2:2021, EN 61000-3-2:2014

Product Name : Oil Immersed transformer

Report No and Date : TST-2024011225A8

Product Brand/Model/Type : HUABIAN/S-M-3150/21.822

Certificate Number : M.2024.206.C94212
Initial Assessment Date : 29.01.2024
Registration Date : 30.01.2024
Reissue Date/No : -
Expiry Date : 29.01.2029

[Signature]
UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.
Mustafa MEMMOUD
General Manager



The validity of the certificate can be checked through www.udem.com.tr. Upon completion of EC declaration of conformity, it is user solely of the manufacturer's responsibility. The certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of its certificate for 10 years from the registration of certificate. The certificate only covers the product(s) stated above and others must be notified in case of any changes on the product(s).
Address: MAJLISAHAT NISHABUR (2073 Sokak (2011 73 Sokak) No:10 Çankaya Ankara - TÜRKİYE
Phone: +90 312 443 03 90 Fax: +90 312 443 03 74
E-mail: info@udem.com.tr www.udem.com.tr

UDEM-03-04-1/20-007007-2024

Report No.: TST-2024011225A8

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Technical Construction File

Directives :
Low Voltage Directive 2014/35/EU
Electromagnetic Compatibility Directive 2014/30/EU

Standards:
EN 60076-1:2011, EN 60076-2:2011, EN 60076-14:2013
EN 61000-3-3:2013+A2:2021, EN 61000-3-2:2014

For
JIANGSU HUACHEN TRANSFORMER CO., LTD.

Product Name: Oil immersed transformer

Model: S-M-3150

Prepared by :
Address : 8TH QIANG JIANG ROAD, TONGSHAN DISTRICT,
XUZHOU CITY, JIANGSU PROVINCE, CHINA

Number of tested samples : 2
Date of Test : Dec. 06, 2023 - Jan. 05, 2024
Date of Report : Jan. 05, 2024

Prepared by :

[Signature]
Assistant

Approved &
Authorized
Signer :

[Signature]
Manager

intertek
Total Quality Assured.

TEST REPORT

SCOPE OF WORK
General Test Report

REPORT NUMBER
201030003GZA-001

ISSUE DATE
1-November-2020

REVISION DATE
None

NUMBER OF PAGES
10

DOCUMENT CONTROL NUMBER
General Test Report_TDE C
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CE Certificate

CE Certificate

CE report V1 S-400 -10kv

PRODUCT INTRODUCTION

Product Introduction



Oil- immersed Power Transformer
110kV、 132kV、 220kV Max 500kV Max 260MVA

Product Introduction



Max 66kV Dry-type Transformer



**Renewable Energy
Dry-type Transformer**

Product Introduction

Energy Storage Converter Booster Integrated Machine - European Style

This product can store green energy such as solar energy/wind energy in the battery system. with a built-in **dry-type transformer** and a **centralized PCS**. It is mainly used in various energy storage power stations.

Total shipment volume: 10 GW

Main customers:

Sungrow,

Kelong,

Xinyuan Zhichu,

Inovance Technology



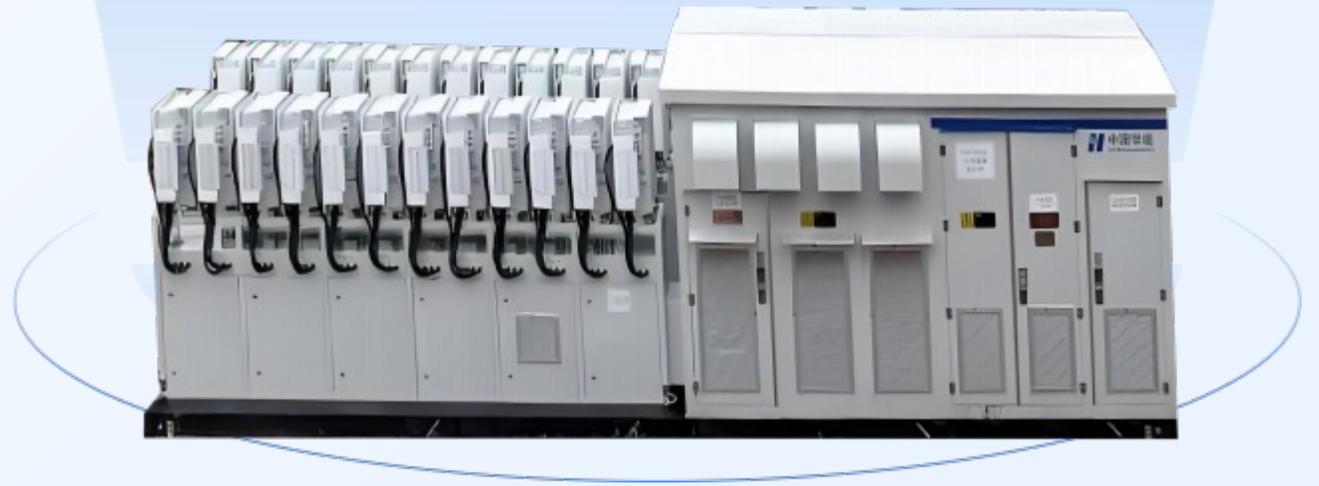
Performance
table of energy st



Product Introduction

Energy Storage Converter & Booster Unit-European-Style string-type

Energy Storage System Solution, with grid-connected voltage options ranging from 6kV to 35kV and capacity compatibility from 1250kVA to 5000kVA, suitable for **centralized energy storage power station** projects, with **a string-type PCS**



Product Introduction

10MW Energy storage integrated machine

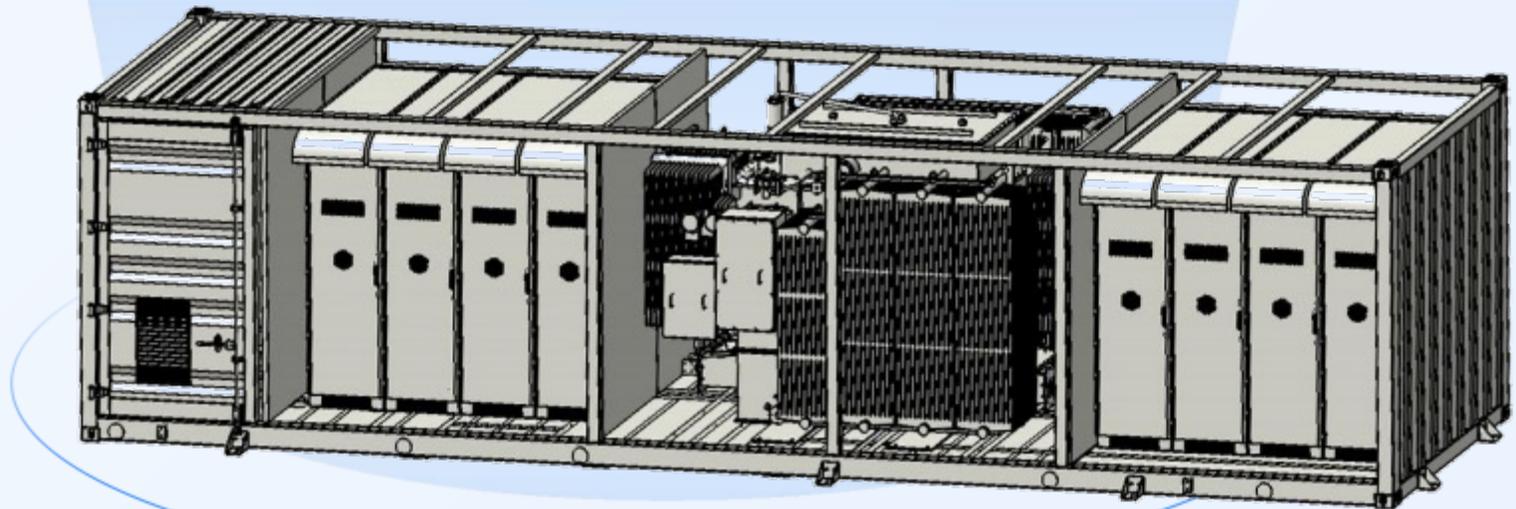
Energy Storage System Solution. Grid-connected voltage selectable from 6kV to 35kV, capacity compatible from 1250kVA to 10000kVA. Designed in standard **20 ft to 40 ft** container sizes. Suitable for **centralized energy storage power station** projects.

Main customers:

Overseas customized customers.

CRRC

BYD



Product Introduction

Energy Storage Inverter Boost Integrated Machine - Chinese Style

The core components of this product are liquid-immersed transformers, HV, LV rooms, energy storage converters (PCS), busway bridges, and the enclosure. It is mainly applied in **high-altitude energy storage power stations** or energy storage power stations with strict operating environment requirements. which form an ideal complement to a new energy storage system.

Total shipment volume: 12 GW

Main customers:

Top Chinese Energy Power Groups or
local energy companies



Performance
table of photovol

Product Introduction

String-type photovoltaic box transformer

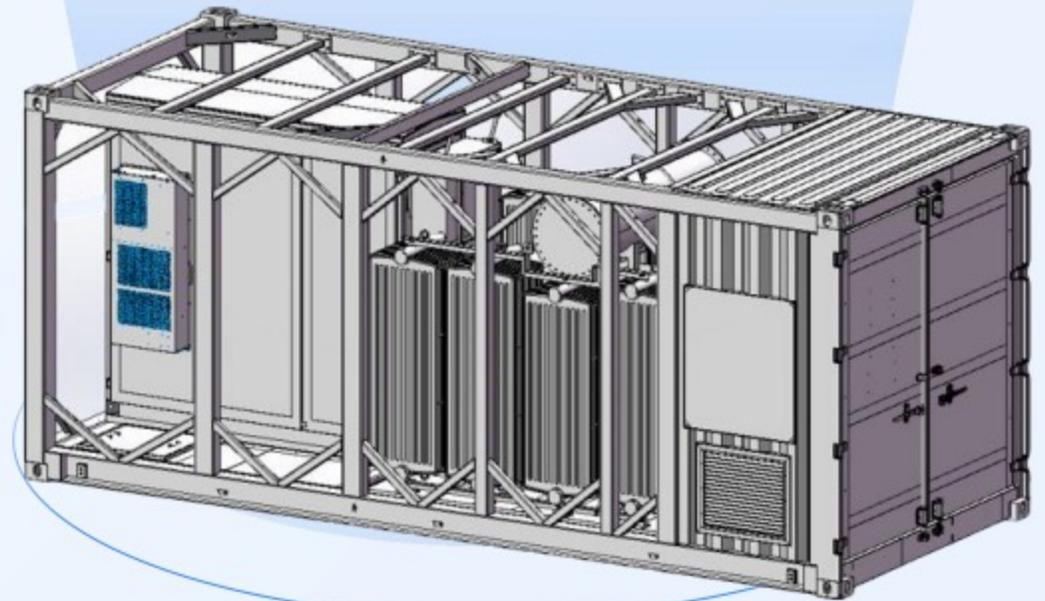
Photovoltaic System Solution. Grid-connected voltage selectable from 6kV to 35kV, capacity compatible from 1000kVA to 10000kVA. Designed in **standard 20ft to 40ft container sizes**. Suitable for large-scale ground-mounted **photovoltaic power plant projects**.

Total shipment volume:

approximately [1.7 GW](#)

Main customers:

Overseas customized products



Product Introduction

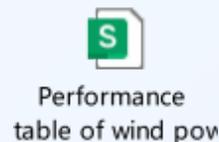
New Energy Cabinet-type Substation (Chinese-style Cabinet-type Substation)

It is a dedicated boosting device that elevates the voltage from the grid-connected inverter (or alternator) of new energy to 10 kV or 35 kV, and then outputs electrical energy upward through 10 kV or 35 kV lines. It is an ideal supporting equipment for new energy power generation systems.

Total shipment volume: approximately 4.8 GW

Main customers:

Top Chinese Energy Power Groups or
local energy companies



Product Introduction

Distributed Photovoltaic Substation

Photovoltaic System Solution. Grid-connected voltage selectable from 6kV to 10kV, capacity compatible from 630kVA to 3300kVA. Suitable for **distributed photovoltaic power station projects.**

