

Certificate of Conformance

Energy Efficiency Certification

Certificate No.

4791066721.1-1a

Issue date

2024-03-18

Revision date



Energy Efficiency Services Scheme
SCC File Number 10072

UL Solutions conducted an independent evaluation on behalf of:

MEAN WELL ENTERPRISES CO LTD

No 28 Wuquan 3rd Rd, Wugu District, New Taipei City 24891
Taiwan

for the following products:

External Power Supplies

Brand: 

Model: See Appendix A

This product meets all of the necessary qualifications pursuant to:

See Appendix B

A handwritten signature in black ink, appearing to be 'O. A. J.', is written over a horizontal line.

Program owner

00-VS-F0418, Version 11.0, This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL Solutions to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix A

Model Name	Model Number	Family Models		Additional Identifying Information
		Model Name	Model Number	
	NGE45x05zzzz			(x=U, E, I, UK, AU, CN, KR or IN ; zzzz=maybe Blank, -, 0-9, A-Z or a-z for market purpose)

Appendix B

Standards:

10 CFR Part 430 Subpart B, Appendix Z - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
10 CFR Parts 429 and 430, Energy Conservation Program
AS/NZS 4665.1-2005+A1:2009
AS/NZS 4665.2-2005+A1:2009
Australian (Greenhouse and Energy Minimum Standards (External Power Supplies) Determination 2014) and New Zealand (Minimum energy performance standards)
California Energy Commission - Title 20, Division 2, Chapter 4, Article 4, Section 1601-1609 Appliance Efficiency Regulation
CAN/CSA C381.1-17 - Energy performance of external ac-dc and ac-ac power supplies - Second Edition
EN 50563:2011+A1:2013
EU 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009
EU Code of Conduct on Energy Efficiency of External Power Supplies Version 5.
Gazette Officielle Du Quebec, December 12, 2018, Vol. 150, No. 50
International Efficiency Marking Protocol for External Power Supplies, Level VI.
NRCan Energy Efficiency Regulation External Power Supplies
Ontario Regulation 509/18: Energy and Water Efficiency appliances and products

Certificate of Conformance

Energy Efficiency Certification

Certificate No.

4791066721.1-1b

Issue date

2024-03-18

Revision date



Energy Efficiency Services Scheme
SCC File Number 10072

UL Solutions conducted an independent evaluation on behalf of:

MEAN WELL ENTERPRISES CO LTD

No 28 Wuquan 3rd Rd, Wugu District, New Taipei City 24891
Taiwan

for the following products:

External Power Supplies

Brand: 

Model: See Appendix A

This product meets all of the necessary qualifications pursuant to:

See Appendix B

A handwritten signature in black ink, appearing to be 'O. A. J.', is written over a horizontal line.

Program owner

00-VS-F0418, Version 11.0, This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL Solutions to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix A

Model Name	Model Number	Family Models		Additional Identifying Information
		Model Name	Model Number	
	NGE45x09zzzz			(x=U, E, I, UK, AU, CN, KR or IN; zzzz=maybe Blank, -, 0-9, A-Z or a-z for market purpose)

Appendix B

Standards:

10 CFR Part 430 Subpart B, Appendix Z - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
10 CFR Parts 429 and 430, Energy Conservation Program
AS/NZS 4665.1-2005+A1:2009
AS/NZS 4665.2-2005+A1:2009
Australian (Greenhouse and Energy Minimum Standards (External Power Supplies) Determination 2014) and New Zealand (Minimum energy performance standards)
California Energy Commission - Title 20, Division 2, Chapter 4, Article 4, Section 1601-1609 Appliance Efficiency Regulation
CAN/CSA C381.1-17 - Energy performance of external ac-dc and ac-ac power supplies - Second Edition
EN 50563:2011+A1:2013
EU 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009
EU Code of Conduct on Energy Efficiency of External Power Supplies Version 5.
Gazette Officielle Du Quebec, December 12, 2018, Vol. 150, No. 50
International Efficiency Marking Protocol for External Power Supplies, Level VI.
NRCan Energy Efficiency Regulation External Power Supplies
Ontario Regulation 509/18: Energy and Water Efficiency appliances and products

Certificate of Conformance

Energy Efficiency Certification

Certificate No.

4791066721.1-1c

Issue date

2024-03-18

Revision date



Energy Efficiency Services Scheme
SCC File Number 10072

UL Solutions conducted an independent evaluation on behalf of:

MEAN WELL ENTERPRISES CO LTD

No 28 Wuquan 3rd Rd, Wugu District, New Taipei City 24891
Taiwan

for the following products:

External Power Supplies

Brand: The logo for MEAN WELL, consisting of the letters 'MW' in a red box above the words 'MEAN WELL' in a smaller red box.

Model: See Appendix A

This product meets all of the necessary qualifications pursuant to:

See Appendix B

A handwritten signature in black ink, appearing to be 'O. A. J.' followed by a flourish.

Program owner

00-VS-F0418, Version 11.0, This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL Solutions to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix A

Model Name	Model Number	Family Models		Additional Identifying Information
		Model Name	Model Number	
	NGE45xyzzzz			(x=U, E, I, UK, AU, CN, KR or IN; y=12, 15, 18; zzzz=maybe Blank, -, 0-9, A-Z or a-z for market purpose)

Appendix B

Standards:

10 CFR Part 430 Subpart B, Appendix Z - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
10 CFR Parts 429 and 430, Energy Conservation Program
AS/NZS 4665.1-2005+A1:2009
AS/NZS 4665.2-2005+A1:2009
Australian (Greenhouse and Energy Minimum Standards (External Power Supplies) Determination 2014) and New Zealand (Minimum energy performance standards)
California Energy Commission - Title 20, Division 2, Chapter 4, Article 4, Section 1601-1609 Appliance Efficiency Regulation
CAN/CSA C381.1-17 - Energy performance of external ac-dc and ac-ac power supplies - Second Edition
EN 50563:2011+A1:2013
EU 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009
EU Code of Conduct on Energy Efficiency of External Power Supplies Version 5.
Gazette Officielle Du Quebec, December 12, 2018, Vol. 150, No. 50
International Efficiency Marking Protocol for External Power Supplies, Level VI.
NRCan Energy Efficiency Regulation External Power Supplies
Ontario Regulation 509/18: Energy and Water Efficiency appliances and products

Certificate of Conformance

Energy Efficiency Certification

Certificate No.

4791210976.1-1a

Issue date

2024-03-21

Revision date



Energy Efficiency Services Scheme
SCC File Number 10072

UL Solutions conducted an independent evaluation on behalf of:

MEAN WELL ENTERPRISES CO LTD

No 28 Wuquan 3rd Rd, Wugu District, New Taipei City 24891
Taiwan

for the following products:

External Power Supplies

Brand: 

Model: See Appendix A

This product meets all of the necessary qualifications pursuant to:

See Appendix B

A handwritten signature in black ink, appearing to be 'O. A. J.', is written over a horizontal line.

Program owner

00-VS-F0418, Version 11.0, This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL Solutions to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix A

Model Name	Model Number	Family Models		Additional Identifying Information
		Model Name	Model Number	
	NGE45xyzzzz			(x=U, E, I, UK, AU, CN, KR or IN; y=24, 48; zzzz=maybe Blank, -, 0-9, A-Z or a-z for market purpose)

Appendix B

Standards:

10 CFR Part 430 Subpart B, Appendix Z - Uniform Test Method for Measuring the Energy Consumption of External Power Supplies
10 CFR Parts 429 and 430, Energy Conservation Program
AS/NZS 4665.1-2005+A1:2009
AS/NZS 4665.2-2005+A1:2009
Australian (Greenhouse and Energy Minimum Standards (External Power Supplies) Determination 2014) and New Zealand (Minimum energy performance standards)
California Energy Commission - Title 20, Division 2, Chapter 4, Article 4, Section 1601-1609 Appliance Efficiency Regulation
CAN/CSA C381.1-17 - Energy performance of external ac-dc and ac-ac power supplies - Second Edition
EN 50563:2011+A1:2013
EU 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009
EU Code of Conduct on Energy Efficiency of External Power Supplies Version 5.
Gazette Officielle Du Quebec, December 12, 2018, Vol. 150, No. 50
International Efficiency Marking Protocol for External Power Supplies, Level VI.
NRCan Energy Efficiency Regulation External Power Supplies
Ontario Regulation 509/18: Energy and Water Efficiency appliances and products