

Australian/New Zealand Standard™

Photovoltaic system performance

Part 1: Monitoring (IEC 61724-1:2017, MOD)



AS/NZS 61724.1:2020

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee EL-042, Renewable Energy Power Supply Systems and Equipment. It was approved on behalf of the Council of Standards Australia on 23 March 2020 and by the New Zealand Standards Approval Board on 4 March 2020.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-042, Renewable Energy Power Supply Systems and Equipment.

The objective of this Standard is to outline equipment, methods, and terminology for performance monitoring and analysis of photovoltaic (PV) systems. This Standard addresses sensors, installation, and accuracy for monitoring equipment in addition to measured parameter data acquisition and quality checks, calculated parameters, and performance metrics. In addition, this Standard serves as a basis for other standards which rely upon the data collected.

This Standard is an adoption with national modifications, and has been reproduced from, IEC 61724-1:2017, *Photovoltaic system performance — Part 1: Monitoring*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix ZZ](#) lists the variations to IEC 61724-1:2017 for the application of this Standard in Australia and New Zealand.

As this document has been reproduced from an International Standard, the following applies:

- (a) In the source text “this part of IEC 61724” should read “this Australian/New Zealand Standard”.
- (b) A full point substitutes for a comma when referring to a decimal marker.

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