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Crystalline photovoltaic (PV) modules

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Electrical Manufacturers' Association (JEMA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS C 8918: 2005** is replaced with this Standard.

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Crystalline photovoltaic (PV) modules

Introduction

This Japanese Industrial Standard was established in 1989 and has gone through three revisions up to the present. The previous revision was carried out in 2005; however, it is revised this time to respond to the test standards established thereafter.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the crystalline photovoltaic (PV) modules of plane surface/non-converging type (hereafter referred to as "modules") to be used for the photovoltaic power system set up on the ground.

The test items are cited from JIS C 8990 and JIS C 8992-2 that are standards for performance and safety qualification testing.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 0920 *Degrees of protection provided by enclosures (IP Code)*

JIS C 8904-2 *Photovoltaic devices — Part 2 : Requirements for reference solar devices*

JIS C 8904-3 *Photovoltaic devices — Part 3 : Measurement principles for photovoltaic (PV) solar devices with reference spectral irradiance data*

JIS C 8913 *Measuring method of output power for crystalline solar cells*

JIS C 8960 *Glossary of terms for photovoltaic power generation*

JIS C 8990 *Crystalline silicon terrestrial photovoltaic (PV) modules — Design qualification and type approval*

JIS C 8992-1 *Photovoltaic (PV) module safety qualification — Part 1 : Requirements for construction*

JIS C 8992-2 *Photovoltaic (PV) module safety qualification — Part 2 : Requirements for testing*

JIS Z 8103 *Glossary of terms used in measurement*

JIS Z 8113 *Lighting vocabulary*

JIS Z 8120 *Glossary of optical terms*

IEC 61701 *Salt mist corrosion testing of photovoltaic (PV) modules*