

Certificate

Registration No.: PV 60074876

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Report No.: 21146849.008

License Holder:

Bosch Solar Energy AG

Robert-Bosch-Straße 1
99310 Arnstadt
Germany

Product:

PV Module

Type:

Bosch Solar Module c-Si M 60, Bosch Solar Module c-Si M 60S
Bosch Solar Module c-Si M 60 EU 30017, Bosch Solar Module c-Si M 60S EU 30017
Bosch Solar Module c-Si M 60 EU 30117, Bosch Solar Module c-Si M 60S EU 30117
Bosch Solar Module c-Si M 60 EU 40117, Bosch Solar Module c-Si M 60S EU 40117
Bosch Solar Module c-Si M 60 EU 43117, Bosch Solar Module c-Si M 60S EU 43117
(power range: 220 - 270 W in 5 W steps)

Manufacturing Plant:

Bosch Solar Energy AG
Robert-Bosch-Straße 1
99310 Arnstadt
Germany

Basis:



**IEC 61215:2005
EN 61215:2005**

"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"



Factory Inspection

To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Heavy Snow Load tested
- Periodic inspection

Remarks:

- The details of the factory inspection are documented in report no. 21172033.001.
- The mechanical load test of EN IEC 61215:2005 was performed with a load of 5400 Pa.
- This certificate replaces certificate PV 60041760.

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

The certificate is valid until 25 October 2016.

Cologne, 25 January 2012

Certification body



Dipl.-Ing. M. Adrian

Certificate

Registration No.: PV 60074876

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Report No.: 21146849.012

License Holder:
Bosch Solar Energy AG
Robert-Bosch-Str.1
99310 Arnstadt
Germany

Product:
PV Module

Type:
Bosch Solar Module c-Si M 60, Bosch Solar Module c-Si M 60S
Bosch Solar Module c-Si M 60 EU 30123, Bosch Solar Module c-Si M 60S EU 30123
Bosch Solar Module c-Si M 60 EU 40123, Bosch Solar Module c-Si M 60S EU 40123
Bosch Solar Module c-Si M 60 EU 43123, Bosch Solar Module c-Si M 60S EU 43123
(power range: 220 - 270 W in 5 W steps)

Manufacturing Plant:
Robert Bosch SAS
41-47 Bd Marcel Sembat – BP 3
69631 Vénissieux
France

Bosch Solar Module c-Si M 48, Bosch Solar Module c-Si M 48S
Bosch Solar Module c-Si M 48 EU 30123, Bosch Solar Module c-Si M 48S EU 30123
Bosch Solar Module c-Si M 48 EU 40123, Bosch Solar Module c-Si M 48S EU 40123
Bosch Solar Module c-Si M 48 EU 43123, Bosch Solar Module c-Si M 48S EU 43123
(power range: 180 - 215 W in 5 W steps)

Basis:

- IEC 61215:2005**
EN 61215:2005
"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"
- Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.



- **Qualified, IEC 61215**
- **Heavy Snow Load tested**
- **Periodic inspection**

Remarks:

- The details of the factory inspection are documented in report no. 21179402.001.
- The mechanical load test of EN IEC 61215:2005 was performed with a load of 5400 Pa.

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

The certificate is valid until 25 October 2016.

Cologne, 25 January 2012

Certification body



Dipl.-Ing. M. Adrian