

# Certificate

Registration No.: PV 60027335

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Report No.: 15032567.004

**License Holder:**

**Perlight Solar Co., Ltd.**  
Chili Village, Zeguo Town  
Wenling City, Zhejiang Province  
China

**Manufacturing Plant:**

Perlight Solar Co., Ltd.  
Chili Village, Zeguo Town  
Wenling City, Zhejiang Province  
China

**Product:**

PV Module  
Type:  
PLM-\*\*\*P-72 (\*\*\*) = 235-285, in increment of 5)  
72pcs 6" poly c-Si  
PLM-\*\*\*P-60 (\*\*\*) = 195-240, in increment of 5)  
60pcs 6" poly c-Si  
PLM-\*\*\*P-54 (\*\*\*) = 180-215, in increment of 5)  
54pcs 6" poly c-Si  
PLM-\*\*\*M-72 (\*\*\*) = 245-300, in increment of 5)  
72pcs 6" mono c-Si  
PLM-\*\*\*M-60 (\*\*\*) = 220-250, in increment of 5)  
60pcs 6" mono c-Si  
PLM-\*\*\*M-54 (\*\*\*) = 185-225, in increment of 5)  
54pcs 6" mono c-Si  
PLM-\*\*\*M-72 (\*\*\*) = 160-195, in increment of 5)  
72pcs 5" mono c-Si  
PLM-\*\*\*M-36 (\*\*\*) = 80-95, in increment of 5)  
36pcs 5" mono c-Si

**Basis:**

- IEC 61730-1:2004  
IEC 61730-2:2004  
EN 61730-1:2007  
EN 61730-2:2007  
"Photovoltaic (PV) module safety qualification"

- Factory Inspection**  
To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

**Remarks:**

- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 15032588.002.
- Extension to change in cell technology, increase in module size and modification to frame or mounting structure.

**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 10 August 2014.**



Cologne, 4 February 2011

Dipl.-Ing. M. Adrian

# Certificate

Registration No.: PV 60026425

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Report No.: 15032567.003

**License Holder:**

**Perlight Solar Co., Ltd.**  
Chili Village, Zeguo Town  
Wenling City, Zhejiang Province  
China

**Manufacturing Plant:**

Perlight Solar Co., Ltd.  
Chili Village, Zeguo Town  
Wenling City, Zhejiang Province  
China

**Product:**

PV Module  
Type:  
PLM-\*\*\*P-72 (\*\*\*) = 235-285, in increment of 5)  
72pcs 6" poly c-Si  
PLM-\*\*\*P-60 (\*\*\*) = 195-240, in increment of 5)  
60pcs 6" poly c-Si  
PLM-\*\*\*P-54 (\*\*\*) = 180-215, in increment of 5)  
54pcs 6" poly c-Si  
PLM-\*\*\*M-72 (\*\*\*) = 245-300, in increment of 5)  
72pcs 6" mono c-Si  
PLM-\*\*\*M-60 (\*\*\*) = 220-250, in increment of 5)  
60pcs 6" mono c-Si  
PLM-\*\*\*M-54 (\*\*\*) = 185-225, in increment of 5)  
54pcs 6" mono c-Si  
PLM-\*\*\*M-72 (\*\*\*) = 160-195, in increment of 5)  
72pcs 5" mono c-Si  
PLM-\*\*\*M-36 (\*\*\*) = 80-95, in increment of 5)  
36pcs 5" mono c-Si

**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
- Periodic Inspection

**Remarks:**

- The details of the factory inspection are documented in report no. 15032588.002.
- Extension to change in cell technology, increase in module size and modification to frame or mounting structure.

**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 10 August 2014.**



Cologne, 4 February 2011

Dipl.-Ing. M. Adrian