



Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that



**Hanwha Q CELLS GmbH**  
Sonnenallee 17-21  
06766 Bitterfeld-Wolfen, OT Thalheim  
Germany

has established and applies  
an Energy Management System for

**Research & Development operations of  
new cell and module concepts, management of  
product quality and sales of photovoltaic products and services  
Performance of qualification tests of solar modules  
in accordance to IEC-Standards.**

An audit was performed, Report No. **70792831**.

Proof has been furnished that the requirements  
according to

**ISO 50001:2011**

are fulfilled.

The certificate is valid from **2016-09-19** until **2019-09-18**.

Certificate Registration No.: **12 340 43373 TMS**.

Product Compliance Management  
Munich, 2016-09-19



Deutsche  
Akkreditierungsstelle  
D-ZM-14143-01-02

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT