



Product Service

# Attestation of Conformity

No. N8A 16 08 84752 008

**Holder of Certificate:** München Energieprodukte GmbH

Gmunder Str. 53  
81379 München  
GERMANY

**Product:**

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules  
Mono-Crystalline Silicon Photovoltaic Module

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

**Test report no.:** 701261604401-00



**Date,** 2016-08-24

( Jianhui Wang )



After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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### Model(s):

MSMxxxAS-48, (xxx=230-290, in step of 5W)  
 MSMxxxAS-48BK, (xxx=230-290, in step of 5W)  
 MSMxxxAS-48TR, (xxx=230-290, in step of 5W)  
 MSMxxxAS-40, (xxx=195-240, in step of 5W)  
 MSMxxxAS-40BK, (xxx=195-240, in step of 5W)  
 MSMxxxAS-40TR, (xxx=195-240, in step of 5W)  
 MSMxxxAS-36, (xxx=175-215, in step of 5W)  
 MSMxxxAS-36BK, (xxx=175-215, in step of 5W)  
 MSMxxxAS-36TR, (xxx=175-215, in step of 5W)  
 MSMDxxxAS-36, (xxx=265-340, in step of 5W)  
 MSMDxxxAS-36BK, (xxx=265-340, in step of 5W)  
 MSMDxxxAS-36TR, (xxx=265-340, in step of 5W)  
 MSMDxxxAS-30, (xxx=220-280, in step of 5W)  
 MSMDxxxAS-30BK, (xxx=220-280, in step of 5W)  
 MSMDxxxAS-30TR, (xxx=220-280, in step of 5W)  
 MSMDxxxAS-27, (xxx=200-255, in step of 5W)  
 MSMDxxxAS-27BK, (xxx=200-255, in step of 5W)  
 MSMDxxxAS-27TR, (xxx=200-255, in step of 5W)  
 MSMDxxxAS-24, (xxx=175-225, in step of 5W)  
 MSMDxxxAS-24BK, (xxx=175-225, in step of 5W)  
 MSMDxxxAS-24TR, (xxx=175-225, in step of 5W)  
 MSMDxxxAS-18, (xxx=135-170, in step of 5W)  
 MSMDxxxAS-18BK, (xxx=135-170, in step of 5W)  
 MSMDxxxAS-18TR, (xxx=135-170, in step of 5W)  
 MSMxxxAS-24, (xxx=115-145, in step of 5W)  
 MSMxxxAS-24BK, (xxx=115-145, in step of 5W)  
 MSMxxxAS24TR, (xxx=115-145, in step of 5W)  
 MSMxxxAS-18, (xxx=90-105, in step of 5W)  
 MSMxxxAS-18BK, (xxx=90-105, in step of 5W)  
 MSMxxxAS-18TR, (xxx=90-105, in step of 5W)  
 Remark: xxx is standing for the rated output power at STC.  
 The suffix BK is meaning black backsheet,  
 the suffix TR is meaning transparent backsheet.

### Parameters:

Rated Output Power at STC:	See attachment
Application Class:	Class A
Max. System Voltage:	1000V DC
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute. No. 10 West Kaifa Road, Yangzhou 225009, Jiangsu, P.R.China.
Construction:	Framed, with Junction box, cable and connector.

### Tested according to:

EN 61730-1:2007/A2:2013  
 EN 61730-2:2007/A1:2012

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The following models will be covered by above certificate:

Model	Rated Output Power at STC
MSMxxxAS-48,(xxx=230-290, in step of 5W)	230W,235W,240W,245W, 250W,255W,260W,265W, 270W,275W,280W,285W, 290W
MSMxxxAS-48BK, (xxx=230-290, in step of 5W)	230W,235W,240W,245W, 250W,255W,260W,265W, 270W,275W,280W,285W, 290W
MSMxxxAS-48TR, (xxx=230-290, in step of 5W)	230W,235W,240W,245W, 250W,255W,260W,265W, 270W,275W,280W,285W, 290W
MSMxxxAS-40, (xxx=195-240, in step of 5W)	195W,200W,205W,210W, 215W,220W,225W,230W, 235W,240W
MSMxxxAS-40BK, (xxx=195-240, in step of 5W)	195W,200W,205W,210W, 215W,220W,225W,230W, 235W,240W
MSMxxxAS-40TR, (xxx=195-240, in step of 5W)	195W,200W,205W,210W, 215W,220W,225W,230W, 235W,240W
MSMxxxAS-36, (xxx=175-215, in step of 5W)	175W,180W,185W,190W, 195W,200W,205W,210W, 215W;
MSMxxxAS-36BK, (xxx=175-215, in step of 5W)	175W,180W,185W,190W, 195W,200W,205W,210W, 215W;
MSMxxxAS-36TR, (xxx=175-215, in step of 5W)	175W,180W,185W,190W, 195W,200W,205W,210W, 215W;
MSMDxxxAS-36,(xxx=265-340, in step of 5W)	265W,270W,275W,280W, 285W,290W,295W,300W, 305W,310W,315W,320W, 325W,330W,335W,340W;
MSMDxxxAS-36BK,(xxx=265-340, in step of 5W)	265W,270W,275W,280W, 285W,290W,295W,300W, 305W,310W,315W,320W, 325W,330W,335W,340W;
MSMDxxxAS-36TR,(xxx=265-340, in step of 5W)	265W,270W,275W,280W, 285W,290W,295W,300W, 305W,310W,315W,320W, 325W,330W,335W,340W;
MSMDxxxAS-30,(xxx=220-280, in step of 5W)	220W,225W,230W,235W, 240W,245W,250W,255W, 260W,265W,270W,275W, 280W;



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MSMDxxxAS-30BK,(xxx=220-280, in step of 5W)	220W,225W,230W,235W,240W,245W,250W,255W,260W,265W,270W,275W,280W;
MSMDxxxAS-30TR,(xxx=220-280, in step of 5W)	220W,225W,230W,235W,240W,245W,250W,255W,260W,265W,270W,275W,280W;
MSMDxxxAS-27,(xxx=200-255, in step of 5W)	200W,205W,210W,215W,220W,225W,230W,235W,240W,245W,250W,255W;
MSMDxxxAS-27BK,(xxx=200-255, in step of 5W)	200W,205W,210W,215W,220W,225W,230W,235W,240W,245W,250W,255W;
MSMDxxxAS-27TR,(xxx=200-255, in step of 5W)	200W,205W,210W,215W,220W,225W,230W,235W,240W,245W,250W,255W;
MSMDxxxAS-24,(xxx=175-225, in step of 5W)	175W,180W,185W,190W,195W,200W,205W,210W,215W,220W,225W;
MSMDxxxAS-24BK,(xxx=175-225, in step of 5W)	175W,180W,185W,190W,195W,200W,205W,210W,215W,220W,225W;
MSMDxxxAS-24TR,(xxx=175-225, in step of 5W)	175W,180W,185W,190W,195W,200W,205W,210W,215W,220W,225W;
MSMDxxxAS-18,(xxx=135-170, in step of 5W)	135W,140W,145W,150W,155W,160W,165W,170W;
MSMDxxxAS-18BK,(xxx=135-170, in step of 5W)	135W,140W,145W,150W,155W,160W,165W,170W;
MSMDxxxAS-18TR,(xxx=135-170, in step of 5W)	135W,140W,145W,150W,155W,160W,165W,170W;
MSMxxxAS-24,(xxx=115-145, in step of 5W)	115W,120W,125W,130W,135W,140W,145W;
MSMxxxAS-24BK,(xxx=115-145, in step of 5W)	115W,120W,125W,130W,135W,140W,145W;
MSMxxxAS-24TR,(xxx=115-145, in step of 5W)	115W,120W,125W,130W,135W,140W,145W;
MSMxxxAS-18,(xxx=90-105, in step of 5W)	90W,95W,100W,105W;
MSMxxxAS-18BK,(xxx=90-105, in step of 5W)	90W,95W,100W,105W;
MSMxxxAS-18TR,(xxx=90-105, in step of 5W)	90W,95W,100W,105W.