



Product Service

# CERTIFICATE

No. B 13 01 83416 003

**Holder of Certificate: LeadSolar Energy (Wuxi) Co., Ltd**530 Building A308, Qingyuan Road,  
New District

214315 Wuxi

PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:****Product:****Converter  
Grid-connected Photovoltaic Inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:**

704091288401-00

**Date,** 2013-01-18  
( Zhengdong Ma )

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**Model(s):** **LS250, LS230**

**Parameters:**

V <sub>max</sub> PV (absolute maximum):	d.c. 60V(for both models)
PV input operating voltage range:	d.c. 22-55V(for both models)
MPP voltage range:	d.c. 27-45V(LS250), d.c. 24-45V(LS230)
Maximum operating PV input current:	d.c. 9.7A(LS250), d.c. 10.0A(LS230)
I <sub>sc</sub> PV (absolute maximum):	d.c. 12.2A(LS250), d.c. 12.5A(LS230)
Nominal grid voltage:	230V~(for both models)
Nominal grid frequency:	50Hz(for both models)
Maximum continuous output current:	a.c. 1.1A(LS250), a.c. 1.0A(LS230)
Maximum continuous output power:	250W(LS250), 230W(LS230)
Power factor:	>0.99(for both models)
Ambient temperature:	-40°C to 65°C
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

**Tested according to:** EN 62109-1:2010  
 EN 62109-2:2011  
 IEC 61727:2004  
 IEC 62116:2008

**Production Facility(ies):** 77325