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ATTESTATION of conformity with Low Voltage Directive

Attestation Number: **1588AP1009N003001**
Product: **DC/DC Bi-direct converter**
Brand Name: **Growatt**
Model: **Growatt-SP2000**
Applicant: **Shenzhen Growatt New Energy Technology Co., Ltd**
Address: **1st East & 3rd Floor, Building 5, Jiayu Industrial Zone,
Xibianling, Shangwu Village, Shiyan, Baoan District,
Shenzhen, P.R. China**
Technical Characteristics: **See Next page**

The submitted sample of the above equipment has been tested for CE marking according to following European Directive and standards:

- Low Voltage Directive 2006/95/EC

Standards	Report Number	Report date
IEC/EN 62109-1:2010	LD141009N003	2015-02-10

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive.

This verification does not imply assessment of the production of the product. The CE marking may be affixed if all relevant and effective European Directives with CE are applicable.

Manager
Safety Department


Name: **Sam Chou**
Date: **March 10, 2015**

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Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.
Information given in this document is related to the tested specimen of the described electrical sample.



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Technical Characteristics:

Test item description.....:	DC/DC Bi-direct converter
Trademark.....:	
Model / Type.....:	Growatt-SP2000
Ratings.....:	See below
Full load Input DC voltage range [V]:	200-450
PV Array Input DC voltage range [V]:	100-580
PV Array Input DC current [A].....:	Max. 30A
Battery DC voltage range [V]	46-58
Battery charge and discharge DC current [A].....:	Max. 45A
Output DC voltage while discharging [V].....:	150-500
Output DC current while discharging [A].....:	Max. 10A
Charging or discharging power [kW] :	2