



ATTESTATION of conformity with European Directives

BV LCIE CHINA Number N°2566AS03CNDQ59017

Product Energy Storage Converter

Reference ESS-GRID P500E, ESS-GRID 375E, ESS-GRID 250E, ESS-GRID 250E

Trademark 

Issued to BSL NEW ENERGY TECHNOLOGY CO., LTD

Address 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China

Manufacturer BSL NEW ENERGY TECHNOLOGY CO., LTD

Address 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China

Technical characteristics See below table

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

LVD Directive 2014/35/EU

Standards	Report number	Report date
IEC 62477-1:2022, EN 62477-1:2012+A11:2014+A1:2017 +A12:2021	CNDQ-ESH-P24111055	12/03/2025

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

Shanghai (P.R. China), Apr 1st, 2025.

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Model / Type :	ESS-GRID P500E	ESS-GRID 375E	ESS-GRID 250E	ESS-GRID 125E
DC input Parameters				
Rated Operating Voltage Range (Vd.c.)	680-1000	680-1000	680-1000	680-1000
Max. DC Input Current (A)	800	600	400	200
On-grid / AC Load Parameters				
Rated Power (kW)	500	375	250	125
Rated AC voltage (Va.c.)	400, 3W+PE+N	400, 3W+PE+N	400, 3W+PE+N	400, 3W+PE+N
Rated AC frequency (Hz)	50	50	50	50
Rated AC current (A)	792	594	396	198
Power Factor Range	-1.0 (Leading) to 1.0(Lagging)			
General parameters				
Type of inverter	Transformerless			
Overvoltage Category (OVC)	II for DC Side / III for AC Mains			
Protective Class	Class I			
Hardware Version	V1.0			
Ingress Protection (IP)	IP55			
Pollution Degree (PD)	PD2			
Operating Temperature Range	-25 to +60(> 45 derating)			