



Product Service

Attestation of Conformity

No. N8A 118803 0023 Rev. 00

Holder of Attestation: **HDL Automation Co., Ltd.**

No.86 Lotus west Road, Lifeng Street, Shilou Town
Panyu District
511447 Guangzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid inverter)**

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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233083501

Date, 2024-12-11

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): **ME-GSE-S5K, ME-GSE-S4.6K, ME-GSE-S3.6K**

Parameters:

Model	ME-GSE-S5K	ME-GSE-S4.6K	ME-GSE-S3.6K
PV input terminal parameters:			
Maximum input power [kW]	5.5	4.8	3.8
Maximum input voltage [V _{DC}]	550		
Rated input voltage [V _{DC}]	380		
MPPT voltage range [V _{DC}]	90-500		
MPPT voltage range (full load) [V _{DC}]	220-500		
Maximum input current [A _{DC}]	13/13		
Isc PV [A _{DC}]	18/18		
Battery terminal parameters:			
Battery voltage range [V _{DC}]	450-550		
Rated voltage [V _{DC}]	450		
Maximum input power [kW]	5	4.6	3.6
Maximum continuous input current [A _{DC}]	11.1	10.2	8.0
Maximum output power [kW]	5.5	4.8	3.8
Maximum continuous output current [A _{DC}]	12.2	10.6	8.4
AC terminal parameters:			
Rated voltage [V _{AC}]	220/ 230/ 240, 1P+N+PE		
Rated frequency [Hz]	50/ 60		
Maximum continuous input current [A _{AC}]	22.7	20.9	16.3
Maximum input power [kVA]	5	4.6	3.6
Maximum continuous output current [A _{AC}]	25	21.8	17.3
Maximum continuous output power [kVA]	5.5	4.8	3.8
Power factor	0.85 lagging - 0.85 leading		
General			
Operating temperature range	-25~+60°C (derating above 40°C)		
Protective class	Class I		
Ingress protection	IP65		

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

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