



# ATTESTATION of conformity with European Directives

**BV LCIE CHINA Number** N° 2666AS03BMH61086

**Product** Hybrid Inverter  
HIS-3L-G3, HIS-3.6L-G3, HIS-4.6L-G3, HIS-5L-G3, HIS-6L-G3

**Reference** HIS-3L-G3S, HIS-3.6L-G3S, HIS-4.6L-G3S, HIS-5L-G3S, HIS-6L-G3S  
HIS-5L-G3-BE, HIS-5L-G3S-BE, HIS-8L-G3S

**Trademark**



**Issued to** Hoymiles Power Electronics Inc.

**Address** No.18 Kangjing Road, Hangzhou, 310015 Zhejiang P.R.China

**Manufacturer** Hoymiles Power Electronics Inc.

**Address** No.18 Kangjing Road, Hangzhou, 310015 Zhejiang 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**

<i>Standards</i>	<i>Report number</i>	<i>Report date</i>
IEC 62109-1:2010, EN 62109-1:2010	BMH-ESH-P26020330-3	2026-03-09
IEC 62109-2:2011, EN 62109-2:2011	BMH-ESH-P26020330-4	

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), March 09<sup>th</sup>, 2026.**

**Product Line Manager**  
*Robin Wu*

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**BUREAU  
VERITAS**

### Characteristics of inverter and storage system (Hybrid-System)

Inverter model	HIS-3L-G3	HIS-3.6L-G3	HIS-4.6L-G3	HIS-5L-G3	HIS-5L-G3-BE	HIS-6L-G3
<b>Input (PV DC)</b>						
Max. Input Voltage [V]	550					
MPPT Voltage Range [V]	90-500					
Max. Input Current [A]	18/18					
Max. Short Current [A]	27/27					
<b>Input (battery DC)</b>						
DC Voltage Range [V]	40-60					
Max. DC Voltage [V]	60					
Max. Charge/Discharge Current [A]	75/75	90/90	115/115	120/120	120/120	135/135
<b>AC Input and Output (On-grid)</b>						
Rated Output AC Voltage [V]	L/N/PE, 230V, 50 Hz					
Rated Output Current [A]	13	16	20	21,7	21,7	26,1
Max. Output Current [A]	15	16,7	20,9	25	22,7	30
Rated Output Power [W]	3000	3680	4600	5000	5000	6000
Max. Apparent Output Power [VA]	3300	3680	4600	5500	5000	6600
<b>AC Output (Backup)</b>						
Rated Output AC Voltage [V]	L/N/PE, 230V, 50 Hz					
Max. Output Current [A]	13,6	16,7	20,9	22,7	22,7	27,3
Rated Output Power [W]	3000	3680	4600	5000	5000	6000



Characteristics of inverter and storage system (Hybrid-System)							
Inverter model	HIS-3L-G3S	HIS-3.6L-G3S	HIS-4.6L-G3S	HIS-5L-G3S	HIS-5L-G3S-BE	HIS-6L-G3S	HIS-8L-G3S
<b>Input (PV DC)</b>							
Max. Input Voltage [V]	550						
MPPT Voltage Range [V]	90-500						
Max. Input Current [A]	18/18						
Max. Short Current [A]	27/27						
<b>Input (battery DC)</b>							
DC Voltage Range [V]	40-60						
Max. DC Voltage [V]	60						
Max. Charge/Discharge Current [A]	75/75	90/90	115/115	120/120	120/120	135/135	140/140
<b>AC Input and Output (On-grid)</b>							
Rated Output AC Voltage [V]	L/N/PE, 230V, 50 Hz						
Rated Output Current [A]	13	16	20	21,7	21,7	26,1	34,8
Max. Output Current [A]	15	16,7	20,9	25	22,7	30	36,4
Rated Output Power [W]	3000	3680	4600	5000	5000	6000	8000
Max. Apparent Output Power [VA]	3300	3680	4600	5500	5000	6600	8800
<b>AC Output (Backup)</b>							
Rated Output AC Voltage [V]	L/N/PE, 230V, 50 Hz						
Max. Output Current [A]	13,6	16,7	20,9	22,7	22,7	27,3	34,8
Rated Output Power [W]	3000	3680	4600	5000	5000	6000	8000