



File Ref: NSW29270  
Contact: Admin Clerk  
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Elizabeth Chen  
Beijing Jingren Electric Appliance Co., Ltd.  
C/- Bureau Veritas Hong Kong Limited.  
Room 702, 7F, Harbourside HQ, 8, Lam Chak Street  
Kowloon Bay, Hong Kong

Dear Sir/Madam

CERTIFICATE OF APPROVAL: NSW29270

DC Isolator

Please find enclosed a Certificate of Approval as sought by your application.

Articles of the approved type may now be marketed provided they are marked with the mark (or alternate approval marks) shown on the Certificate.

THE APPROVAL EXPIRES ON THE DATE SHOWN ON THE CERTIFICATE unless it is renewed, extended, suspended or cancelled.

Yours faithfully,

24 May 2024

For Secretary, Department of Customer Service



# Certificate of Approval Declared Article

Pursuant to Section 16 (1) of the Gas and Electricity (Consumer Safety)  
Act 2017

Certificate Number: **NSW29270**

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| <b>Issued to:</b>   | Beijing Jingren Electric Appliance Co., Ltd.   |
| <b>Class of Article:</b>  | DC Isolator  |
| <b>Description of Article:</b>  | <p>PV Switch-disconnector [Installed within Power conditioning equipment (PCE), enclosed outdoor, suitable for installation exposed to sunlight as per AS/NZS 5033. Switch arrangement: GHX5-32P, 4 layers, installed within PV inverter, I<sub>the Solar</sub> at 40°C: 27A (13.5A/13.5A), I<sub>the Solar</sub> at 60°C: 27A (13.5A/13.5A)]<br/>Ui: 1500V; Uimp: 8kV; -40°C to +85°C; No polarity; DC-PV2<br/>Ue/Ie: 1100V/45A, 1500V/25A; I(make)/Ic(break): 4xIe; Icw: 1500A, 1s, Icm: 2.0kA; IP65 for the solar inverter.<br/>Classified as: Installed within Power conditioning equipment (PCE), Enclosed outdoor, suitable for installation exposed to sunlight as per AS/NZS 5033. Switch arrangement: GHX6-55P, 4 layers, installed within PV inverter, I<sub>the Solar</sub> at 40°C: 45A, I<sub>the Solar</sub> at 60°C: 45A.<br/>Hybrid Inverter Manufacturer: ZHEJIANG HYXI TECHNOLOGY CO., LTD. Brand: HYXIPOWER; Models: HYX-H5K-HT, HYX-H6K-HT, HYX-H8K-HT, HYX-H10K-HT, HYX-H12K-HT; Size: 542mmx478mmx186mm (W x H x D); Enclosure material: Aluminum alloy.</p> |
| <b>Trade Name or Mark:</b>  |   |
| <b>Type Reference Code:</b>   | GHX6-55P   |
| <b>Examined for Compliance With:</b>  | AS 60947.3: 2018   |
| <b>Approval Mark:</b>   | Each electrical article of the abovementioned type shall be marked with Approval Number NSW29270 or approved alternate mark  |
| <b>Date of Approval:</b>  | 24/05/2024   |
| <b>Approval Expires:</b>  | 24/05/2029 <i>unless suspended, cancelled, renewed or extended</i>   |
| This certificate is issued subject to the article and approved modifications being maintained at the specification/s of the article examined at the time of approval. |  |



24 May 2024



On behalf of the Secretary, Department of Customer Service

For information regarding currency of this model approval, refer to the Fair Trading Website