




Certificate of Conformity

Certificate No.: 2088AP0917N006030
Product: Solar Grid-tied Inverter
Brand Name: 
Test Model No.: HYD 6000-EP, HYD 5500-EP, HYD 5000-EP, HYD 4600-EP,
HYD 4000-EP, HYD 3680-EP, HYD 3000-EP
Applicant: Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community,
XinAn Street, BaoAn District, Shenzhen, China
Report No.: PV200917N006-7, PV200917N006-8, PV200917N006-9, HY202101023

Use in accordance with regulations:

The inverters are tested for functional safety, grid protection, specified environmental influences and efficiency. For detailed information, please watch the corresponding test reports.

Applied rules and standards

IEC 60068-2-1:2007 Environmental testing – Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2007 Environmental testing – Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2009 Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2005 Environmental testing – Part 2-30: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface
IEC 62116:2014 Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures



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Date: 2021-01-28

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Information given in this document is related to the tested specimen of the described electrical sample.