

Compliance Document

No. D 119458 0006 Rev. 00

Holder of Certificate: **ESY Sunhome Co.,Ltd**
101, Building 6, No.5-2, Inner Ring Road, Shanxia Community
Pinghu Street, Longgang District
518000 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid Inverter)**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233011301

Date, 2023-04-28



(Billy Qiu)

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Model(s): **ESYSUNHOME HM6**

Parameters:

Model	ESYSUNHOME HM6
PV input rating	
Rated input voltage	360 V d.c.
Maximum input voltage	550 V d.c.
MPPT voltage range	100 V d.c. - 540 V d.c.
Full-load voltage range	250 V d.c. – 450 V d.c.
Maximum input current	15/15 A d.c.
Maximum short circuit current	20/20 A d.c.
Maximum input power	8000 W
Battery input / output rating	
Battery type	Li-ion
Rated voltage	51.2 V d.c.
Battery voltage range	40.8 V d.c. – 57.6 V d.c.
Maximum charging current	100 A d.c.
Maximum charging power	5000 W
Maximum discharging current	120 A d.c.
Maximum discharging power	6000 W
Grid output rating	
Rated output voltage	230 V a.c.
Rated output current	26.09 A a.c.
Max. continuous output current	26.09 A a.c.
Rated output power	6000 W
Maximum Output Active Power	6000 W
Maximum Output Apparent Power	6000 VA
Rated output frequency	50 Hz
Power factor	0.8 under-excited to 0.8 over-excited

Tested
according to:

C10/11:2021