

DoC (Moixa Hub Model MH-A)


The Moixa Hub is installed in a customer's home, using the Moixa Install App and CRM. It is designed to be integrated with Victron inverters and other devices, including battery modules to enable an energy storage system. The Moixa Hub acts as a gateway to Moixa's digital smart-energy platform and, once fully installed, allows the customer to view the performance of their energy storage system through the Moixa Dashboard and App.

The Moixa Hub is installed near the consumer's fuse box and connects to energy meters that measure energy from the customer's solar panels, and energy being used in their home. Its built-in technology signals to the inverter when to store energy in the batteries and when to provide it.

We, Moixa Technology Ltd (Moixa) based at Ground Floor, 29-31 Saffron Hill, London, EC1N 8FH are the manufacturer of this product and issue this declaration of conformity under our sole responsibility.

In accordance with the following Directive (s):

- Low Voltage Directive – 2014/35/EU
- EMC Directive – 2014/30/EU
- Radio Equipment Directive – 2014/53/EU
- REACH – Regulation (EC) No 1907/2006
- RoHS – Restriction of Hazardous Substances – Directive – 2011/65/EU
- Waste Electrical and Electronic Equipment Directive – 2012/19/EU

The product is in conformity with the applicable requirements of the following documents

Ref No	Title	Date/Edition
EN 300 328, Ver. 2.1.1	"Radio - Intermod emissions for simultaneous transmission scenarios: 1) 900MHz 2G + 2.4GHz WLAN 2) 1800MHz 2G + 2.4GHz WLAN	2016
EN 301 489-1, /EN 301 489-52 Ver. 1.1.0	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment	2016
EN 301 489-17, Ver. 3.2.0	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems	2015
IEC 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements	2018

Traceability of the products sold are maintained through Installation App and CRM. Identification numbers are available on a QR code label on the product.

I hereby declare that the equipment described above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directives.

Signed by: 

Name: Chris Wright
 Position: CTO
 Done at: 29-31 Saffron Hill, London
 On: 10th May 2021

