

CERTIFICATE

of Conformity Regulation (EU) 2023/1230 Machinery

Registration No.: AM 50640332 0001
Report No.: CN2486BL 001
Holder: Shenzhen Pudu Technology Co., Ltd.
Rm. 501, Bld. A, Block 1,
Phase 1, Shenzhen International
Inno Valley, Dashi 1st Rd.,
Nanshan District, Shenzhen,
Guangdong
P.R. China
Product: Vacuum Cleaner
(*Smart Upright Scrubber Dryer (PUDU SH1)*)

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. This is to certify that the tested sample is in conformity with all provision of Annex III of Regulation (EU) 2023/1230, referred to as the Machinery Regulation. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date: 2024-07-25



Tim Feng



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

CERTIFICATE

of Conformity Regulation (EU) 2023/1230 Machinery

Registration No.: AM 50640332 0001

Product: Vacuum Cleaner
(*Smart Upright Scrubber Dryer (PUDU SH1)*)

Identification: Type Designation
SHFC02
(PUDU)
Serial No.: n.a.
Remark: Refer to test report CN2486BL 001 for details.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

Notified Body
TÜV Rheinland
LGA Products GmbH

Tillystraße 2
90431 Nürnberg

notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen

under No. 0197

herewith issues an

EU-Type Examination Certificate

within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive

Registration Number: RT 60177522 0001

Evaluation Report Nr.: CN24IRZD 001

Manufacturer: Shenzhen Pudu Technology Co., Ltd.
Rm. 501, Bld. A, Block 1,
Phase 1, Shenzhen International
Inno Valley, Dashi 1st Rd.,
Nanshan District, Shenzhen,
Guangdong
P.R. China

Product: Radio Equipment
(PUDU SH1)

Type
Identification: SHFC02
(PUDU)

Essential
requirements: 2014/53/EU (RED)
Article 3.1a Health
Article 3.1a Electrical Safety
Article 3.1b EMC
Article 3.2 Radio spectrum

The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.

This certificate consists of this page and Annex I.

Validity of the certificate is specified in the Annex I.

Date **26.07.2024**



Notified Body


S. Peng

Equipment

Product : PUDU SH1
Trademark : PUDU
Identification : SHFC02
Product description : SHFC02 is a upright scrubber dryer which supports 2.4GHz Wi-Fi.

System description

Frequency band(s) of operation : 2400-2483.5MHz
Operating frequency : 2412-2472MHz
Channel spacing / bandwidth : 20MHz, 40MHz
RF output power : 19.90dBm (max. e.i.r.p.)
Type of modulation : DSSS(DBPSK/DQPSK/CCK), OFDM (BPSK, QPSK, 16QAM, 64QAM)
Type of antenna : Integral Antenna
Mode of operation (simplex / duplex) : Duplex
Duty cycle (access protocol, if applicable) : Up to 10%
Hardware version : B02
Software version : V1.3.5

Documentation

User information and installation instructions ☒
Block diagram ☒
Circuit diagram ☒
Part list ☒
PCB layout ☒
Photo documentation ☒
Versions of firmware/software used ☒
Statement of compliance with art. 10.2 it can be
operated in at least one Member State without
infringing applicable requirements on the use of
radio spectrum ☒
Risk Analysis ☒

Conformity Assessment

Applied harmonised standards (Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio	EN 300 328 V2.2.2	CN24ZX86 002	TÜV Rheinland (Shenzhen) Co., Ltd.
3.3 Others			

Applied non-harmonised standards			
Article	Standard	Test Report No.	Issued by
3.1a Health	EN 62479:2010; EN 62233:2008	CN24ZX86 002; CN2486BL 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1a Safety	EN 60335-1:2012+A11+A13+A14+A2+A15+A16 EN 60335-2-69:2012	CN2486BL 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.1b EMC	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021	CN24ZX86 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio			
3.3 Others			

Other solutions, adopted to meet the essential requirements			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC			
3.2 Radio			
3.3 Others			

Rationale for applied non-harmonised standards or other solutions:

- Standards are either in the EMC/LVD OJ, on CENELEC and ETSI website as current, or valid for RED compliance.

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.