

EN/PCFV/C/2022/08/0015

Product Carbon Footprint (PCF) Verification Statement

The organization

Autel New Energy Co., Ltd.

Room 101, Building 1, Rainbow Technology Building, No.36,
Gaoxin Sixth Road(N), Nanshan District, Shenzhen,
Guangdong, China

Factory Address: Room 602, 6th Floor, Electron Factory Building
4, Yanxiang Science&Technology Industrial Park, Gaoxin Road,
Dongzhou Community, Guangming Street, Guangming District,
Shenzhen, Guangdong, China

Report

Autel New Energy Product Carbon Footprint Assessment Report

Product / Functional Unit (FU)

**Greenhouse gas emissions of 1 Maxi Charger- Maxi EU AC W22-C5
with output power of 22kW and 10-year service life
from cradle to grave is 88.266 kgCO₂e**

The PCF calculation and report provided by the mentioned organization have been verified by
SGS as comply for ISO 14040:2006 Environmental management - Life cycle assessment –
Principles and framework, ISO 14044:2006 Life Cycle Assessment – Requirements and
Guidelines, and ISO 14067:2018 Greenhouse gases – Carbon footprint of products –
Requirements and guidelines for quantification and communication.

This verification is based on the report and supporting materials submitted by above
Organization on Aug 16, 2022, details please refer to SGS report: 2022/PCFV/C/0815

Signed by

Chris Chen

Issue Date: 13/09/2022
Green Product Service
Voluntary Certification Centre

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with output power of 22kW and 10-year service life
from cradle to grave is 88.266 kgCO_{2e}**

Information is summarized as follow:

Name of Applicant:	Autel New Energy Co., Ltd.
Address of Applicant:	Room 101, Building 1, Rainbow Technology Building, No.36, Gaoxin Sixth Road(N), Nanshan District, Shenzhen, Guangdong, China
Address of Factory:	Room 602, 6th Floor, Electron Factory Building 4, Yanxiang Science&Technology Industrial Park, Gaoxin Road, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China
Product Description:	Wall mounted AC Maxi Charger for electric vehicles with output power of 22kW.
Data Collection:	The PCF calculation and report provided by the mentioned organization based on the data collected from January 2022 to June 2022 have been verified by SGS.
Calculation Approach:	The calculation has been verified by SGS as comply for ISO 14040:2006 Environmental management - Life cycle assessment - Principles and framework, ISO 14044:2006 Life Cycle Assessment - Requirements and Guidelines, and ISO 14067:2018 Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification and communication.
System Boundary:	The calculation has been verified by SGS as in accordance with Life Cycle Assessment principles. The carbon footprint calculation results from cradle to grave are shown in this summary.
Greenhouse Gas Calculated:	Carbon dioxide equivalent value on the basis of their per unit radiative forcing using 100-year global warming potentials defined by the Intergovernmental Panel on Climate Change (IPCC 2021, Table 7.SM.7). Green House Gas is listed in IPCC 2021, Table 7.SM.7.
SGS Report:	SGS/RMSC/2022/PCFV/C/0815



Signature

Chris Chen

Issue Date: 13/09/2022
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