

COVESTRO PHOTON

ENGINEERING MADE IN AACHEN



2021
BUILD YEAR



120 KM/H
TOP SPEED



3
WHEELS



600 KM
RANGE



180 KG
GEWICHT

AERODYNAMICS
Catamaran design with a very low air resistance

ELECTRIC MOTOR

Self-developed PSM with an overall efficiency of > 95 %

SOLAR CELLS
4 m² monocrystalline silicone solar cells

STRUCTURAL COMPONENTS
Ultra lightweight solar car made with pre-preg carbon fibre reinforced plastics

BATTERY

> 6 kWh battery pack with high-power Lithium ion phosphate cells

