

Starters E-Components Generators Automotive Hungary Ltd.

PUBLIC REPORT

2022



**STARTERS
E-COMPONENTS
GENERATORS**
AUTOMOTIVE

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This report has been commissioned by Starters E-Components Generators Automotive Hungary Ltd. (3711 Szirmabesenyő, Farkashegyi út 3.)

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1. INTRODUCTION



Location



Product palette



Baseline generátor (BL)

Jellemzők

- Teljesítmény osztály: 70 - 150 A (1,0 - 2,1 kW)
- Hatékonyság (VDA): 54 - 75 %
- Mágneses zaj: 72 dBA (választható 68 dBA)
- Átmérő: 125 - 143 mm
- Hosszúság: 118 - 129 mm
- Tömeg ékszíjtárcsa nélkül: 4.0 - 6.2 kg



HX családú CV indítómotorok

Jellemzők

- Teljesítmény kimeneti osztály: Közepes és magas kimenet
- Feszültségrendszer: 12V / 24V
- Teljesítmény: 3.2 - 6.5 kW
- Átmérő: 88 and 95 mm
- Hosszúság: 238 - 306 mm
- Tömeg: 7.5 - 10.0 kg



C6/SC6 Termékcsalád

Jellemzők

- Alkalmazások: Max. 2 literes benzines, vagy kis dízelmotorokhoz
- Teljesítmény-osztály: 0.8 - 1.2 kW
- Pólusház átmérője: 61mm
- Beépítési hossz: 141 - 161 mm
- Tömeg: 1.9 - 2.2 kg



C7/SC7 Termékcsalád

Jellemzők

- Alkalmazások: Max. 3 literes benzines, vagy 2 literes dízelmotorokhoz
- Teljesítmény-osztály: 1.2 - 1.7 kW
- Pólusház átmérője: 70 mm
- Beépítési hossz: 166 - 180 mm
- Tömeg: 2.8 - 3.1 kg
- CoM1: -150 - +400 rpm



SC7 Flex termékcsalád

Jellemzők

- Teljesítmény osztályok: 1,2 - 2,0 kW
- Csökkentett indítási zaj
- SSM3 funkció
- Nagy rugalmasság a paraméterek optimalizálásában:
 - Feszültségésés
 - Dinamika
 - Hidegindítási teljesítmény

2. TOTAL ENERGY CONSUMPTION

This document has been prepared for Starters E-Components Generators Automotive Hungary Ltd. (3711 Szirmabesenyő 0129/96) on the basis of the provisions of Act LVII of 2015, MEKH Decree 2/2017 (II. 16.), Government Decree 122/2015 (V. 26.) and MEKH Decree 10/2017 (VIII. 10.).

The breakdown of the total energy used in the year by energy carrier is shown in **Figure 1**:

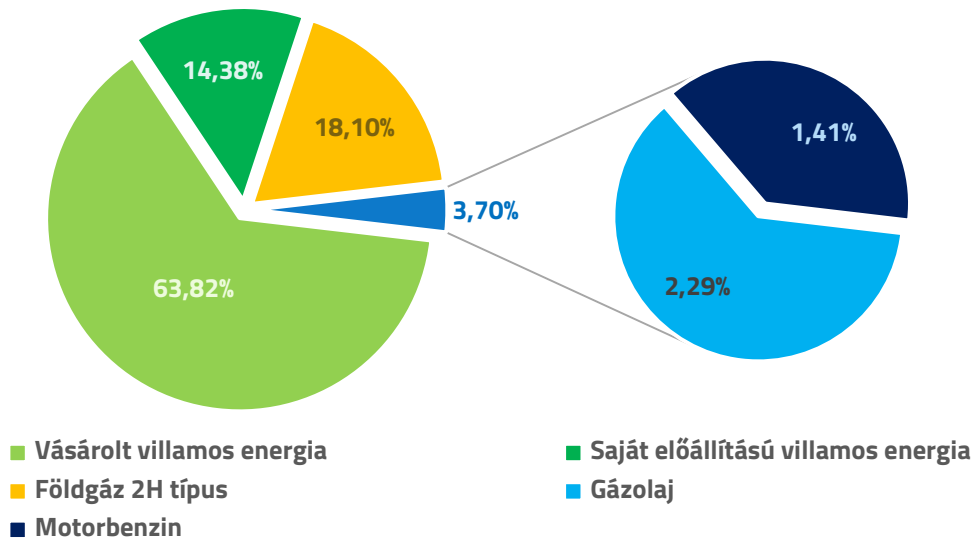


Figure 1: Breakdown by energy source of total energy consumed in the year

Carbon dioxide emissions between the energy sources used are illustrated in **Figure 2**.

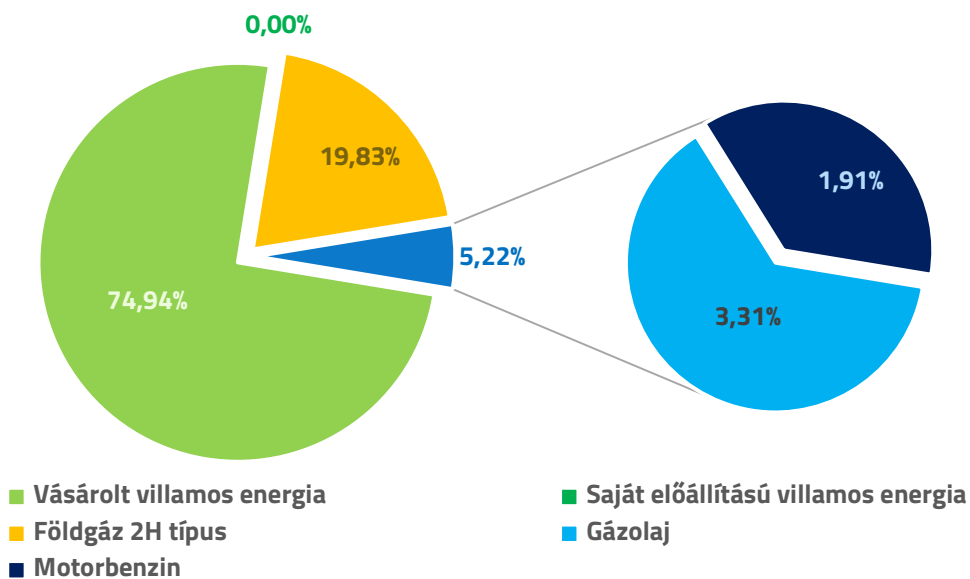


Figure 2: CO2 emissions between energy sources

3. ABOUT THE ENERGY SPECIALIST

The AlfaPed, Developer, Manufacturer and Service Provider Ltd has been present on the domestic market since 2005. In the more than 17 years since its establishment, we have maintained our belief in professionalism and instead of growth, we have built a team of expert engineers to cover the full spectrum of energy audits and inspections. We have recently carried out energy loss assessment work for a number of multinational and mid-sized companies, and through our studies and surveys we have sought to establish the direction and scope of energy improvements. Our work is characterised by complexity and a systems approach, but we also carry out priority focus reviews on request, if the Client's interest so requires.

Conscious energy management processes based on energy loss mapping and the resulting energy-efficient operation are in the interest and responsibility of businesses. The widespread dissemination of these processes - based on the EU directive - has been greatly facilitated by the Hungarian legislation for large companies with the LVII Act of 2015. With our experienced professionals, we have joined the process and supported the energy efficiency efforts of many large domestic companies in recent years by providing energy audits and ISO 50001 implementation and maintenance. Our experts have passed the mandatory auditor exam of the Hungarian Energy and Public Utility Regulatory Office and we are also qualified to carry out energy audits.

Our references from the past 17 years include energy audits of several multinational companies such as BOSCH, BPW, BUSCH, etc, and we are currently acting as energy consultant for ARCONIC, BOSCH, CONTINENTAL and several of our large corporate partners. we have also carried out energy audits for several of our clients such as BOSCH, LUFTHANSA, HYDRO and RTL. we also provide EER consulting services for several of our partners such as OMV, SHELL and WABERER'S.

In addition to energy auditing and energy consultancy services, our company also offers a range of value-added services to our clients, such as:

- audit service enabling the use of corporate tax,
- EKR advice and certification
- development of an energy development plan and/or strategy,
- instrumental review,
- implementation and support of a standardised energy management system (ISO 50001),
- development of a real estate development concept,
- building energy consultancy
- feasibility study,
- education, awareness-raising
- LEAN based energy workshop.