



# Direction of the blades of the range extender generator





## Overview

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### Operating characteristics of a linear range extender with

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### DeepDrive to present dual-rotor radial flow generator for range

With its dual-rotor drive technology, Munich-based startup DeepDrive specialises in compact and highly efficient electric motors. At the IAA Mobility, DeepDrive will present a range ...



### The Development of Range Extender Generator By Evaluating ...

Abstract Peec-Power B.V. is developing high power range extender for hybrid electric vehicles. The first generator designs for range extender have been built and tested in the laboratory. The prototype ...



**2MW / 5MWh  
Customizable**

### Design considerations of a linear generator for a range ...

Abstract: The free piston linear generator is a new range extender concept for the application in a full electric vehicle. The free piston engine driven linear generators can achieve high



2MW / 5MWh  
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### Adopted concept of the range extender: ICE -Internal

The range extender has a maximum output power of 2.65 kW. The developed auxiliary power unit consists of a three-phase generator propelled by an industrial low-power spark-ignition engine.

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Range extender modules are one option to compensate for short drive ranges of electric vehicles. The close ABSTRACT- interaction of combustion engine and generator poses new ...



### Operating characteristics of a linear range extender with different

To promote the practical process of the free-piston linear generator and facilitate the faster application of the system in the electric vehicle (EV) range-extender or hybrid electric vehicles, the ...



## Magnetic Field Analysis and Development



## of Disk Axial-Radial ...

The generator is an important part of an EREV's range extender, and it greatly impacts the vehicle's performance. A permanent magnet generator is often used in range extenders both at

...

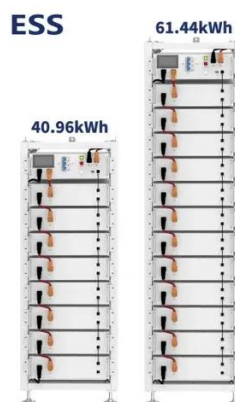


## Axial flux range extender generator technology and application

I. Introduction to the Range Extender System  
Currently, the main transmission systems on hybrid vehicles are the start-stop system, the belt-driven starter-generator integrated motor ...

## **RANGE EXTENDER (A GENERATOR TO BE BUILT IN A ...**

The integrated system (engine/starter motor/generator) can reduce total weight. (generator unit: 2,200g) Our original system (patent pending) integrates an ESC for a starter motor ...





## Contact Us

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For catalog requests, pricing, or partnerships, please visit:

<https://firmaskrzypek.pl>

Phone: +48 22 426 71 90

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