



ENERGY STORAGE & SUPPLY

Vuvale Mobile System

Zero Carbon Emission - Cost Savings - Maximise & Extend Performance

2023



EXECUTIVE SUMMARY

Green Reliable Cost Effective Power Storage & Supply

- **ZekiPower designs, manufactures and supplies zero emission generators to replace diesel generators**
 - Enabling the use in Multiple Green fuels
 - Leading a New era to Zero Emission
- **Reducing Energy Costs**
 - Lowering CAPEX & OPEX
 - Easily Transportable, quick installation, local operation & control and maintenance
 - SWAP & GO battery pack
- Offering a complete solution to ensure **highest power availability and reliability (SLA 99.99)**
- **Site Power Management and Optimization**

INTRODUCTION

ZekiPower designs, manufactures and supplies zero emission generators to replace diesel generators



Cost Savings



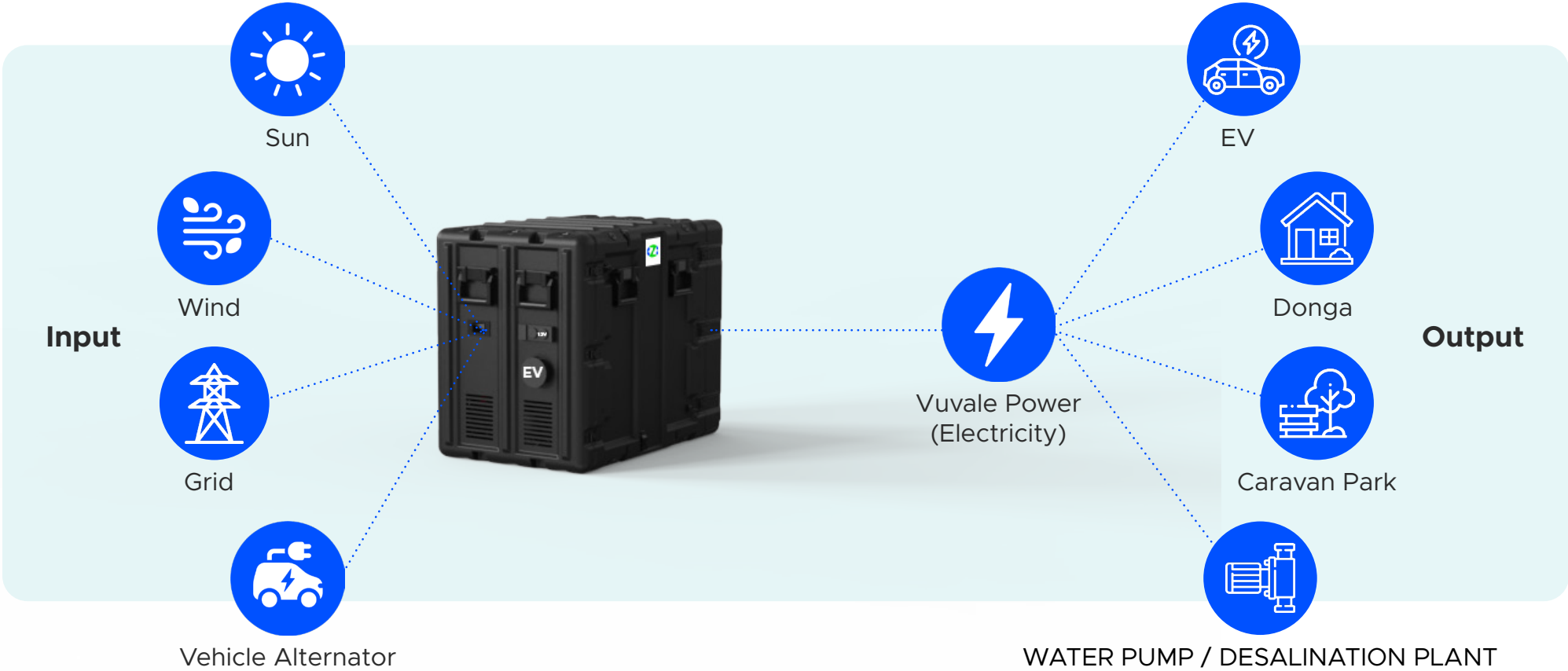
Zero Carbon Emission



Maximise & Extend Performance



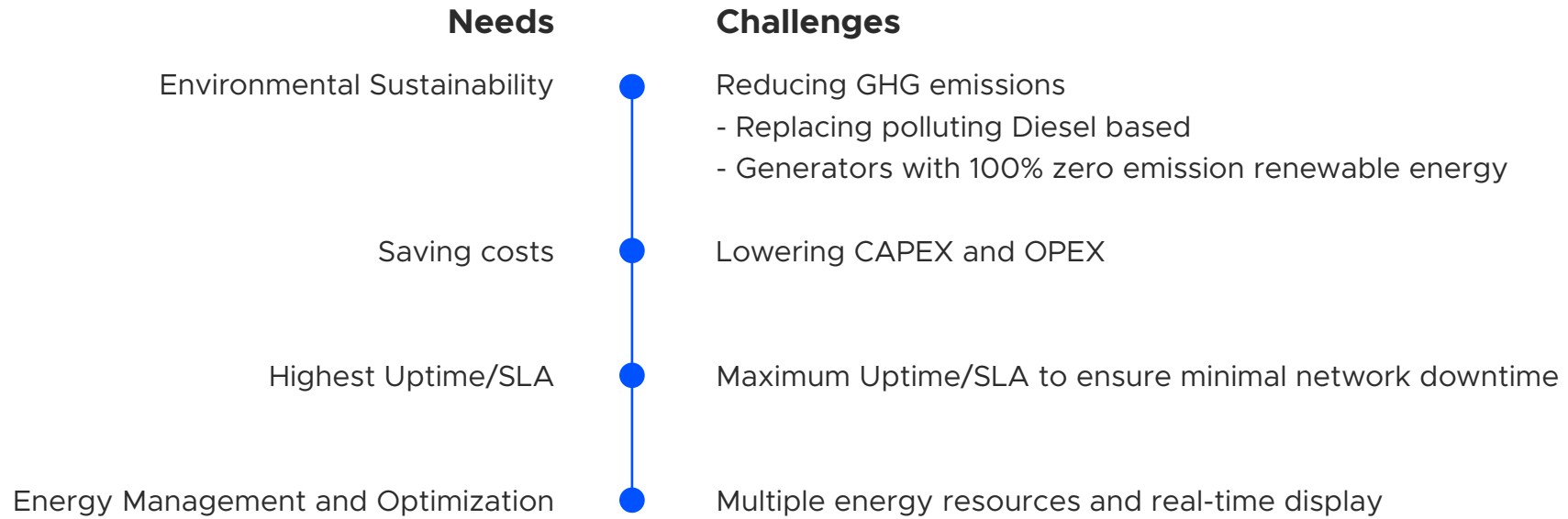
CORE TECHNOLOGY



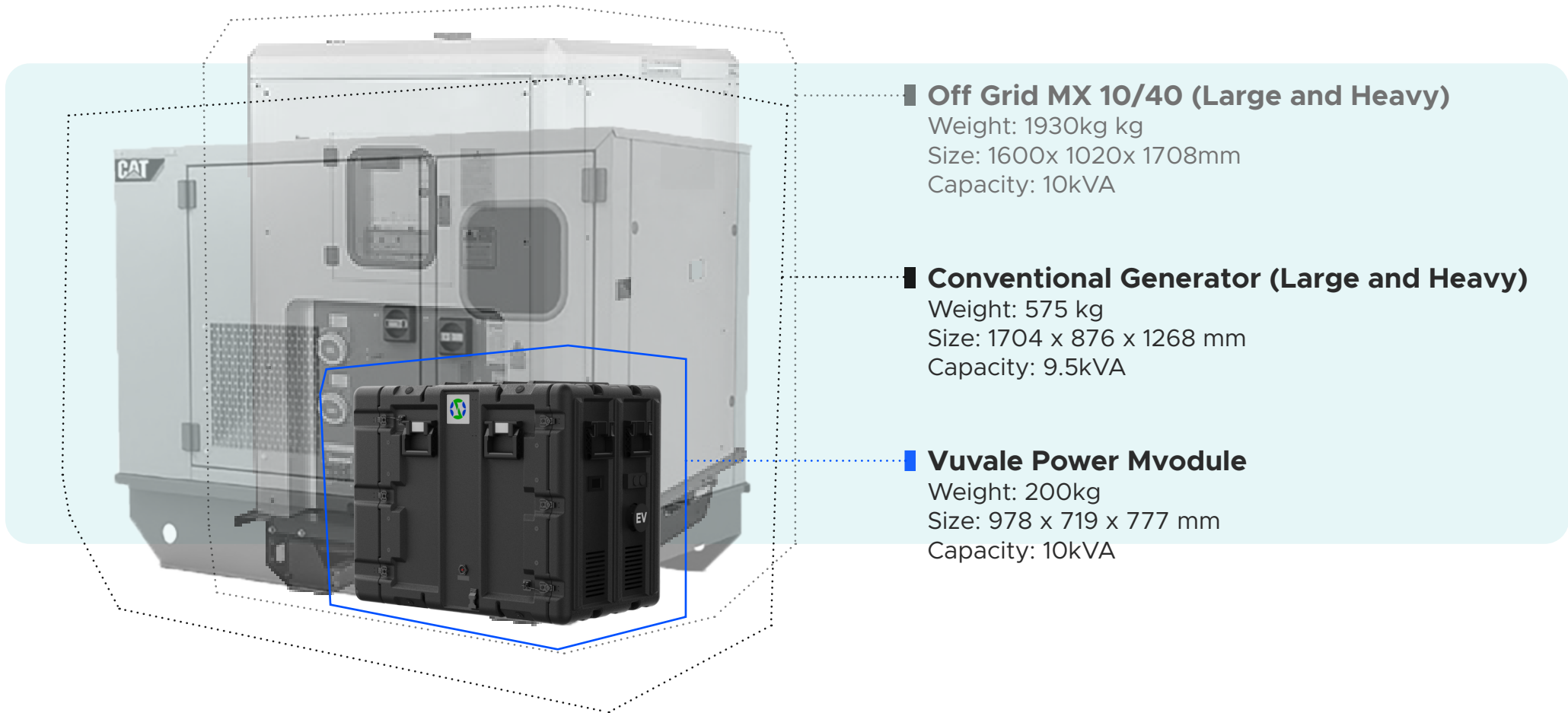
GREEN POWER SUPPLY



THE NEEDS AND CHALLENGES



COMPACT, LIGHT & RELIABLE



■ Off Grid MX 10/40 (Large and Heavy)

Weight: 1930kg kg
Size: 1600x 1020x 1708mm
Capacity: 10kVA

■ Conventional Generator (Large and Heavy)

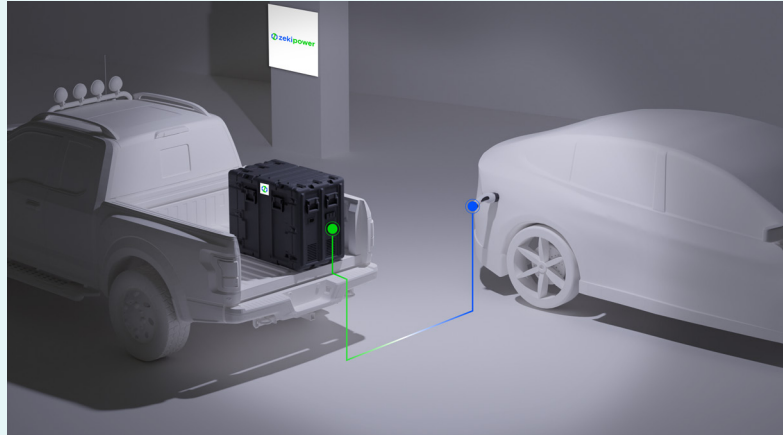
Weight: 575 kg
Size: 1704 x 876 x 1268 mm
Capacity: 9.5kVA

■ Vuvale Power Mmodule

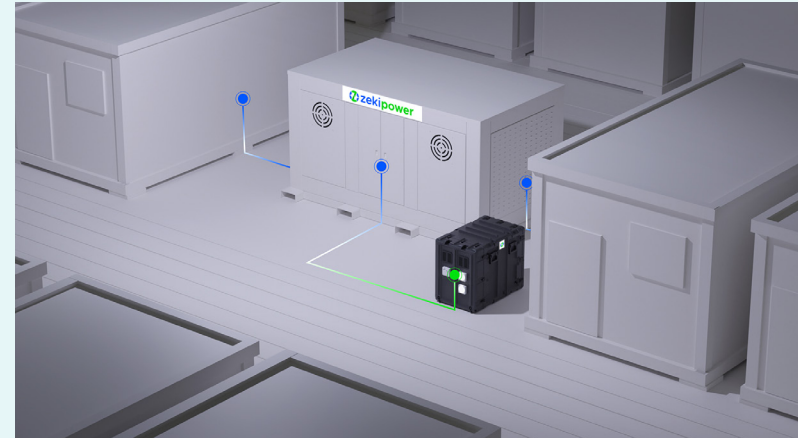
Weight: 200kg
Size: 978 x 719 x 777 mm
Capacity: 10kVA

VUVALE POWER MODULE ON SITE

Charging EV in Emergency, Supplying Power to Relocatable and Fixed Buildings & Emergency Services



Charging EV in Emergency



Supplying Power to Relocatable & Fixed Buildings

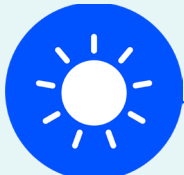


Powering Emergency Services

SITE MANAGEMENT & OPTIMISATION



Wind



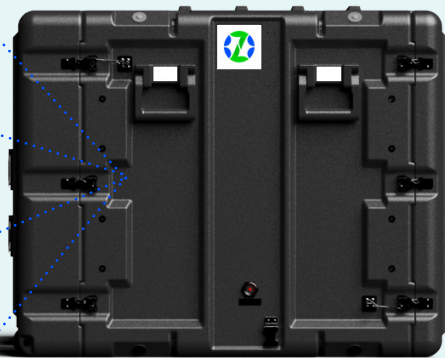
Solar



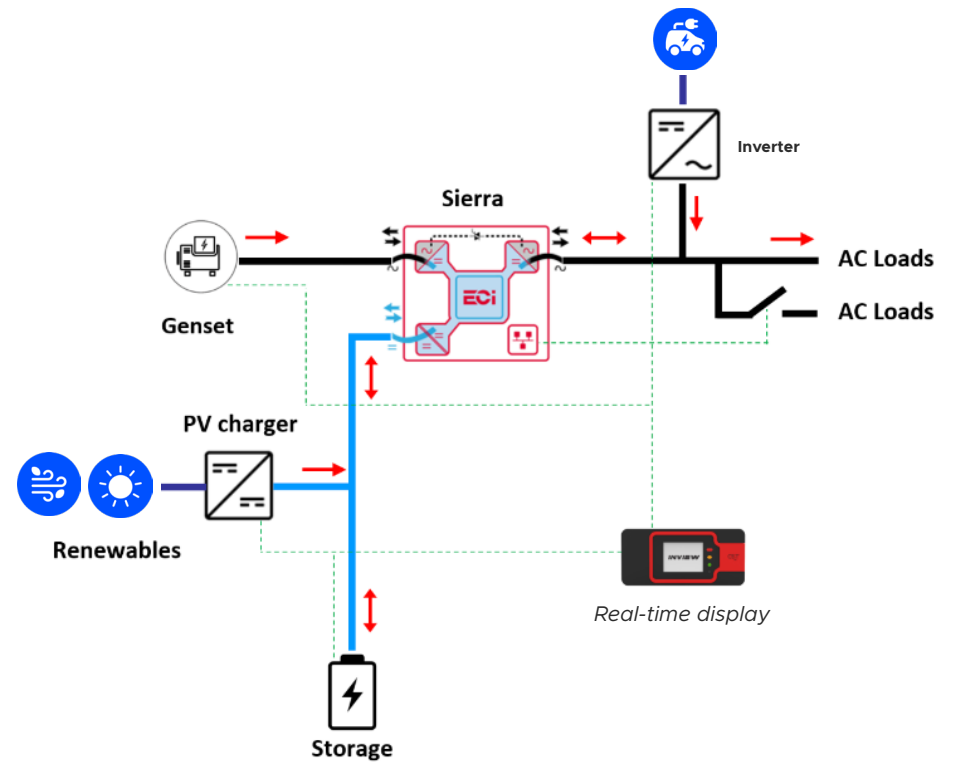
Grid



Vehicle Alternator



Create connections with various renewable sources (on the AC and/or DC side) and storage to supply your loads.



- Reduce **energy costs** (grid or generator)
- Increase the **availability** (backup) and the **quality** of the power supply
- Increase **self-consumption** (produced by renewable)

ZekiPower OFFERING



Vuvale Battery Pack
8kWh



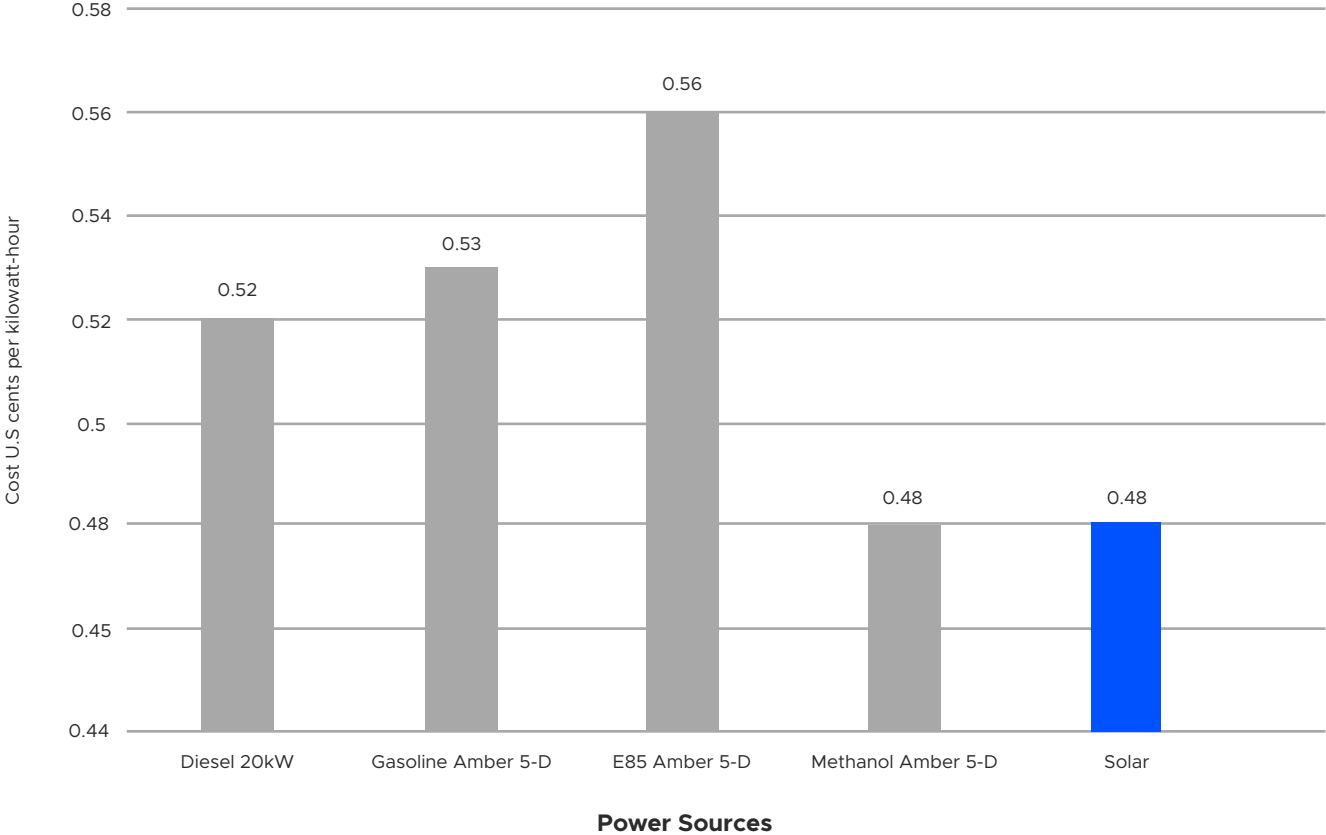
Vuvale Power Module
10kWh



**Vuvale Power System
Extended - 18kWh**

LOWERING GHG EMISSIONS

Average renewable electricity generation cost worldwide in 2021, by energy source





Thank you!

