



**VERDEK™**



**EV  
OASIS  
2.0**

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**POWERING  
FUTURE**

By Building EV  
Infrastructure



## **VERDEK'S EV OASIS**

is an innovative EV Charging solution  
designed specifically for

## **OFF-THE-GRID APPLICATIONS**

such as parks, desert highways  
or mountain roads.

## **EV Oasis Can Be Deployed Anywhere**

Where there is a need for EV charging  
But there is no access  
To electrical infrastructure.

This integrated solution consists of two 150KW DC Fast Chargers  
powered by a solar array, mounted on top of a 36' trailer.

# TECHNICAL SPECIFICATION

DC FAST CHARGER	
Power	(2) 150 kW
Port	(2) CCS1
Output Voltage	150 V – 800 V

SOLAR ARRAY/BATTERY STORAGE	
Bifacial Solar Panel	13.8-17.2 kW
Battery Storage	250 kW
MPPT Converter for Solar PV	20 kW
Converter for Generator Connection	10 kW
BESS Converter /DC Distribution Panel	200 kW
AC Inverter, Interior/ Exterior	3kW / 240/120 Volt

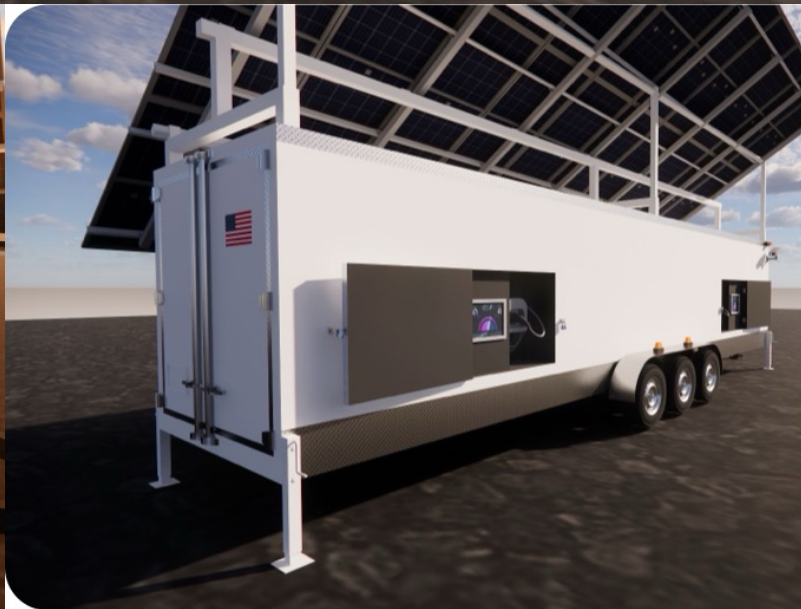
CONTROLLED ENVIRONMENT	SECURITY	BACK UP GENERATOR	NETWORK PROVIDER
Highly Efficient Air Conditioning and Heating	Monitoring Cameras and LED Lighting	LPG 10 kW Back-Up Generator With LPG Tank	EV Gateway

## DC to DC Charging System – Advantages

1 Compact Design and Increased Security	2 Approx. 30% High Efficiency by Avoiding DC/AC Conversions	3 Increased Battery Life in Controlled Environment	4 A streamlined system for less maintenance and more uptime
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**Verdek EV OASIS 2.0**



**Verdek EV OASIS 1.0 in NEVADA**





**Let's Build  
Green Future  
Together.**



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