



## A-Core Container

# Chad Outdoor Power Supply Monopoly

**12.8V 200Ah**



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Lithium Battery for Energy Storage

**LiFePO4**

Environment-Friendly/Long Life/Deep Cycle

Discharge: 100A (continuous using), 220 A (13 Seconds)

Constant Voltage Charge Voltage Regulation

Code Use: 14.2V

Rating Use: 14.2 V

Initial Current: Less than 50A

**WARNING**

- Risk of fire, explosion, or burns.
- Do not short the battery terminal.
- Do not disassemble, heat above 55°C, or incinerate.



## Overview

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Does Chad framework allow private investment in energy production?

Chad framework has allowed private investment in energy production since only in recent years and as of 2018 Currently only one solar IPP (Djermaya – 28MW) is active and expected to reduce power supply failures and global price fluctuation. This project is also part of the Desert To Power Initiative.

How does Chad generate electricity?

Chad currently generates electricity by consuming oil. With the declining cost of new solar generation plants, the Government of Chad and development partners have prioritized solar power throughout the country. Machinery and parts for electricity transmission and distribution are also in demand. Opportunities.

What energy resources does Chad have?

The majority of its existing capacity comes from diesel, natural gas and heavy fuel oil generation. Chad is living an energy crisis that undermines its development possibilities with extremely limited electricity access (8%). The country is however rich of energy resources, including fossil fuels with strongest solar and wind energy potential.

How much electricity does Chad need?

Based on the newly developed model for electricity demand estimation in this study (for countries with low electricity access), the estimated electricity demand (which include grid electricity demand and BEV energy consumption) for Chad in 2030, 2040, and 2050 is 1.5 TWh/year, 3.5 TWh/year, and 9 TWh/year respectively.

How many independent power producers in Chad?

There is One (1) active Independent Power Producers (IPPs) in Chad. Law No.036/PR/2019 relating to the national electricity law. Please read the law

here.

Is solar power a viable option in Chad?

Solar PV and wind power seem the most probable options as they are matured technology and are in use in many countries (even within sub-Saharan Africa). Also, Chad is known for its high solar potential and there is currently a 40 MW privately owned solar PV installation in the country.

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### Contact Us

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