

## SolarInnovate Energy Solutions

# How much does a supercapacitor cost in Democratic Republic of Congo



## Overview

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How much power does DRC have?

The DRC's total hydropower capacity is about 100,000 MW, with the Inga damn solely counting for 40,000-45,000 MW . A decade ago, during the year 2009, 89% of DRC's total population did not have access to electricity, leaving only 11% with access, while 94% of the population were completely dependent on biomass as the main cooking fuel .

How many people in DRC have electricity?

Despite millions of dollars of donor funding, according to the World Bank only 19 percent of the DRC's 108 million people have access to electricity – about 41 percent in urban areas and 1 percent in rural areas. The government's vision is to increase the service level to 32 percent by 2030.

What is the energy potential of the DRC?

The DRC has immense and varied energy potential, consisting of non-renewable resources, including oil, natural gas, and uranium, as well as renewable energy sources, including hydroelectric, biomass, solar, and geothermal power.

How does the DRC generate energy?

Therefore, the DRC exports all of its oil production capacity, and imports all the refined products such as gasoline, jet fuel, kerosene, aviation gas, fuel oil and liquefied petroleum gas (LPG) . Even though the DRC possesses prosperous and varied resources for energy generation, the energy sector still falls far behind.

What is the main energy source in DRC?

Hydropower comes as the number one and major energy supplier in the country, with biomass (wood & agricultural residues) and oil as the secondary ones . 99% of the DRC's produced electricity comes from hydropower, while

both oil and gas account for the remaining 1% .

What is the government's vision for power generation in Congo?

The government's vision is to increase the service level to 32 percent by 2030. Lack of access to modern electricity services impairs the health, education, and income-generating potential of millions of Congolese people. Most power generation development is directed and funded by mining companies seeking to power their facilities.

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