

A SOLAR PANEL CONGO REPUBLIC



 LIQUID AIR COOLING
  INTELLIGENT PROTECTION



When will DR Congo's solar power plants be built? The plants are to be built by the Moyi Power joint venture and are expected to be completed within 18 months after the start of construction. According to the latest figures from the International Renewable Energy Agency, DR Congo only had 20 MW of installed PV capacity at the end of 2020.



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Where is Nuru solar based? Nuru deployed Congo's first solar-based mini-grid in 2017 and has a 1.3MW solar hybrid site in Goma, the largest off-grid mini-grid in sub-Saharan Africa. Another solar hybrid site in Beni and two in the oriental province (Tadu & Faradje). Nuru was first established under the name Kivu Green Energy in August 2015.



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Will a \$100 million solar project power Gemena & Bumba & Isiro? An international consortium led by Powergrids plans to invest \$100 million in three off-grid solar plants intended to power the cities of Gemena, Bumba, and Isiro, which are located in the country's northern region and currently have no connection to the country's power network.



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How much solar power is available in Kinshasa? In the area around Kinshasa there is a further 6 GW of solar available at 7 US cents per kWh. There is also sufficient for the rural areas around Kinshasa, Mbandaka on the Congo river and the main port of Matadi. It can even be exported over the river to Brazzaville.



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How much power does DR Congo have? According to the latest figures from the International Renewable Energy Agency, DR Congo only had 20 MW of installed PV capacity at the end of 2020. The country has one of the lowest levels of access to electricity in the world, with only 9% of the population being supplied with power. This percentage in rural areas drops to as far as 1%.

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- ✓ LIGHTNING PROTECTION
- ✓ INTELLIGENT PROTECTION
- ✓ PROTECTION PHASES
- ✓ BATTERY AND CYCLE



Is the DRC a hydroelectric country? This has given it enormous potential for hydro electric power and almost 100% of its grid power is HEP. The DRC is the largest country in Sub Saharan Africa occupying 2,345,000 km2 with 3.32% as standing water including rivers and lakes. Its sheer size, lush vegetation and landscape has been its problem since independence in 1960.



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An international consortium led by Powergrids plans to invest \$100 million in three off-grid solar plants intended to power the cities of Gemena, Bumba, and Isiro, which are located in the



- ✓ DISCONNECTOR
- ✓ Fuses (up to 300A)
- ✓ IP 55-65
- ✓ SRS AND BUS

The Goma Hybrid Solar plant in the Democratic Republic of the Congo is currently the largest off-grid mini-grid in the sub-Saharan Africa. The 1.3MW plant is one of four smart solar sites with a combined capacity of ???



- ✓ RAINPRO OUTDOOR CABINET
- ✓ WATERPROOF OUTDOOR CABINET
- ✓ 400V/2V
- ✓ OUTDOOR/INDOOR CABINET

Nuru (Swahili for "light") is a company dedicated to enhancing connectivity in the Democratic Republic of Congo. Nuru deployed Congo's first solar-based mini-grid in 2017 and has a 1.3MW solar hybrid site in Goma, the largest off-grid mini ???



DRC ??? Solar for the Congo. The Democratic Republic of the Congo (DRC) is the heart of Africa. Its rainforest is one of the two carbon sinkholes of the world. It's the 2 nd largest rainforest remaining in the world and it sits astride the Congo ???

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Providing solar energy solutions for households and businesses is crucial to incorporating more Congolese people into electrical grids, but many in poorer, remote regions in the DRC also face the challenge of getting approved ???