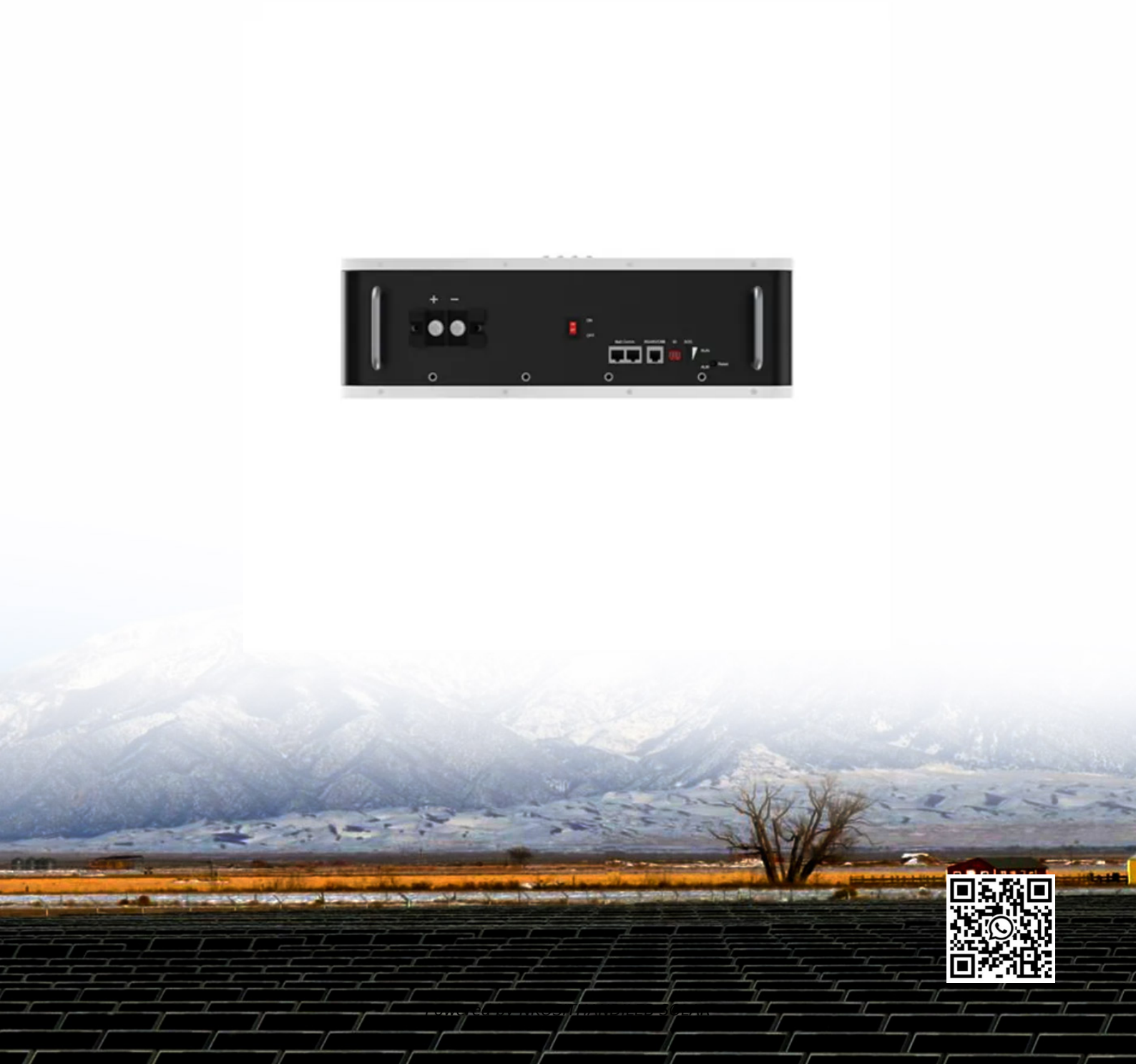


## NKOSITHANDILEB SOLAR

# Purchase outdoor power in Palau



## Overview

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Does Palau rely on fossil fuels?

As a small island developing state, the Republic of Palau sought to wean itself off its dependence on fossil fuel for power, which accounts for 99.7% of the country's power generation. To address this issue, Palau invited Solar Pacific Energy Corporation (SPEC), Alternergy's solar developer, to develop a clean, renewable energy source.

What type of electricity is used in Palau?

Renewable electricity here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal power. Traditional biomass – the burning of charcoal, crop waste, and other organic matter – is not included. This can be an important source in lower-income settings. Palau: How much of the country's electricity comes from nuclear power?

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How will solar energy be produced in Palau?

Solar electricity will be produced by a hybrid 15.3 MWdc (13.2 MWac) solar photovoltaic (PV) plus 10.2 MWac/12.9 MWh battery energy storage system facility. Extensive safeguards to protect Palau's pristine environment SPEC did not leave any stone unturned to protect the pristine Palau ecosystem.

Is biomass a source of electricity in Palau?

Traditional biomass – the burning of charcoal, crop waste, and other organic matter – is not included. This can be an important source in lower-income settings. Palau: How much of the country's electricity comes from nuclear power?

Nuclear power – alongside renewables – is a low-carbon source of electricity.

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