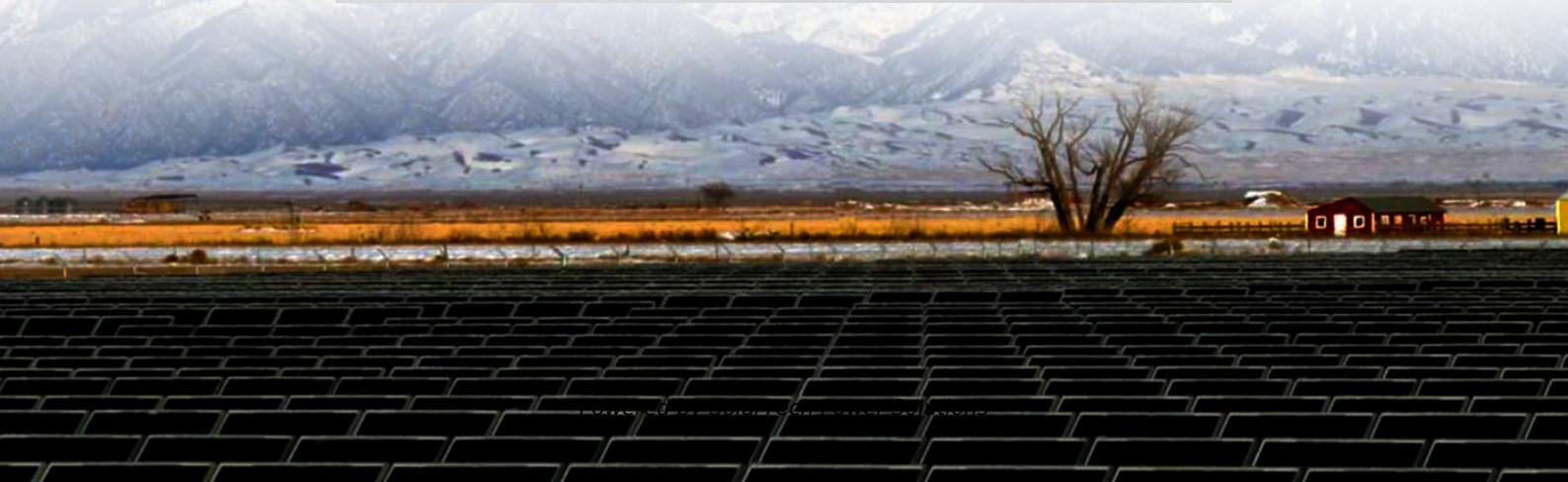
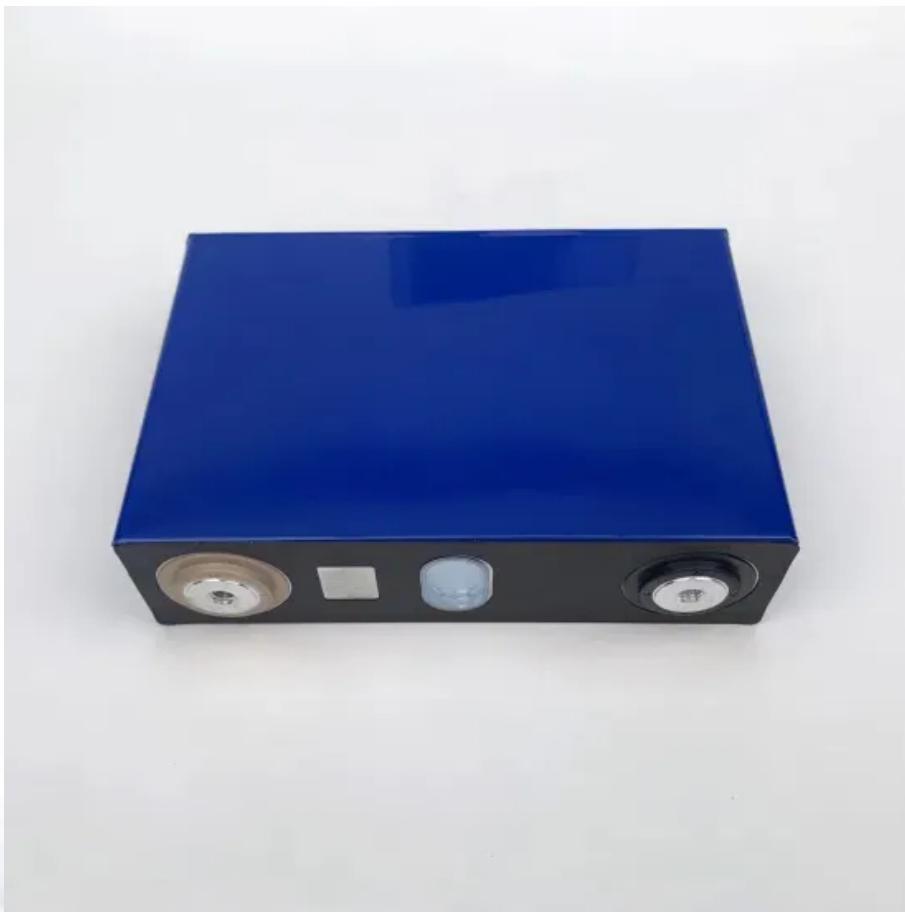




**SolarTech Power Solutions**

# **Thailand 5G communication base station energy storage bidding**



## Overview

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What is the 5G infrastructure market in Thailand?

The 5G Infrastructure market in Thailand is a pivotal component in the country digital transformation. With the rollout of 5G networks, Thailand is poised to experience a significant boost in connectivity, enabling IoT, smart cities, and improved mobile services.

What should Thailand do for 5G and 5g-a development?

It is therefore important for Thailand to maintain momentum and prioritise the following actions for 5G and 5G-A development: — Make at least 300 MHz of spectrum available in the globally harmonised 3.5 GHz band as soon as practicable. Avoid unnecessarily large guard band between mobile and fixed satellite service (FSS).

Is 5G a roadmap for success in Thailand?

**ACCELERATING 5G AND 5G-ADVANCED IN THAILAND: A ROADMAP FOR SUCCESS** The key challenge is the current use of the extended C-band (3.4–3.7 GHz) and standard C-band (3.7–4.2 GHz) frequencies for satellite services in Thailand, as there are an estimated 10 million or more TVRO services in operation, according to the NBTC.

How much 5G spectrum should be allocated in Thailand?

Current 5G spectrum assignments in Thailand (excluding legacy IMT holdings) Amount of 700 MHz band allocated Amount of 2.6 GHz band allocated Amount of 26 GHz band allocated Each of the operators is recommended to hold The amount of low band allocated is sufficient to support 5G services provision from all service providers.

When will 5G technology be implemented in Thailand?

The roadmap mentions the development of 5G technology “and beyond”, and while the 2-Year Action Plan for Promoting the Adoption of 5G Technology in

Thailand (2021–2022) has already been announced, phase 2 of the plan (2023–2027) remains under development.<sup>37</sup> It is expected to be completed by the end of 2024.<sup>38</sup> 33. N. B92T)0C(1 .

How many 5G connections are there in Thailand in Q2 2024?

In Q2 2024, 26.6% of connections were 5G connections and 5G coverage reached 95% of the population.<sup>2</sup> Mobile data traffic per connection in Thailand is among the highest in ASEAN. Yet, more work is needed to ensure there are sufficient spectrum resources to support the next phase of 5G development, especially in the crucial mid-band range (1–7 GHz).

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