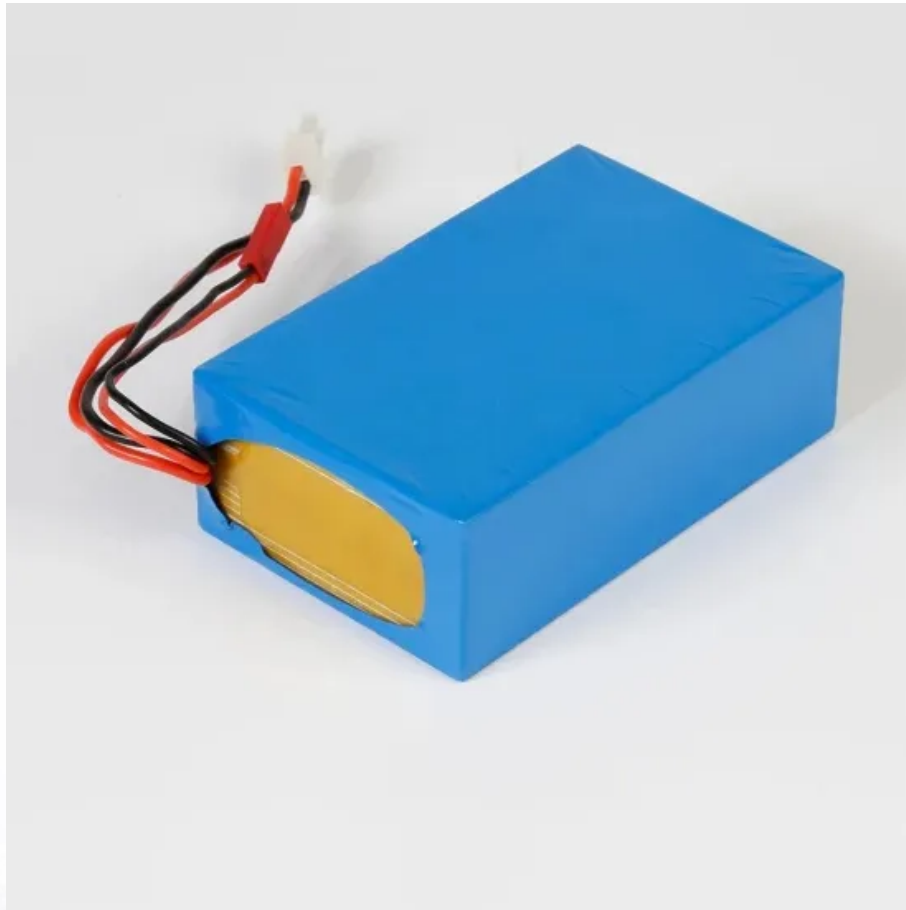


ContainerPower Energy Solutions

UAE Energy Storage New Energy BESS



Overview

The roughly AED232 billion (US\$5.9 billion) project combines 5.2GW of solar PV with a 19GWh battery energy storage system (BESS), which Masdar claimed was the “largest and most technologically advanced system of its kind in the world.” Are battery energy storage systems a viable solution?

Battery energy storage systems (BESS) are one viable solution. An advanced technological solution, they function by storing renewable energy which can then be used when power is required. They help address the challenge of intermittent renewable energy, and provide clean power 24 hours a day, no matter the weather conditions.

Is UAE a sustainable country?

For the UAE, renewable energy is a core pillar of its sustainability plans. Masdar, the UAE’s clean energy powerhouse, is among the organizations supporting the country’s efforts, both home and abroad. For instance, Masdar has committed to invest £1 billion (AED4.68 billion) in UK battery storage.

Which countries will benefit from a Bess project?

One example is Jordan, which is set to benefit after an agreement was outlined to develop a 1GW wind project using BESS. In the UAE, two 150MW BESS facilities are being built in Abu Dhabi, which would be the largest facilities of their kind in the region.

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