

# Afghanistan rechargeable lithium battery pack

Is a lithium-ion battery race taking place in Afghanistan?

While Goldman Sachs predicts a tripling of the lithium market by 2025,a race to secure supplies is taking place in Afghanistan. The lithium-ion battery story begins with chemistry and ends with innovation.

## Is there lithium in Afghanistan?

A 2017/18 report from the US Geological Survey notes Afghanistan has deposits of spodumene, a lithium-bearing mineral, but does not provide tonnage estimates, while the 2019 Afghan report makes no mention of lithium at all.

## What are Ultralife rechargeable lithium ion hard packs?

Housed in a tough plastic case, ULTRALIFE's rechargeable Lithium-ion (Li-ion) Hard Packs are ideal for devices that require a hard-wearing power solution. Cases can be custom branded (volume dependent) for resellers or to match the device design. Battery voltages range from 3.7 to 28.8V, with energy ratings from 4.2 to 92.2Wh.

#### Are Ultralife batteries rechargeable?

ULTRALIFE's rechargeablebattery packs utilize world-leading chemistries to serve a diverse range of power requirements. The majority of packs contain Lithium-ion chemistry,including the specialized UBI-2590 military and industrial range, as well as the Land Warrior series that was designed in conjunction with the US army.

#### Are Ultralife batteries suitable for underwater applications?

For underwater applications(like AUVs,ROVs or oil and gas),ULTRALIFE offer smart subsea Lithium-ion Polymer battery modules (24V,30V and 37V versions). Available as direct-in-water or pressure balanced oil-filled versions,they offer 4X longer run-time endurance compared to Sealed Lead Acid. Pressure tolerant tested to 6,000m ocean depth.

#### How much is Afghanistan's mineral deposit worth?

In 2010,US military officials and geologists revealed the extent of Afghanistan's mineral deposits, valued at between \$1 trillion and \$3 trillion. But since the recapture of Kabul by the Taliban, it's unlikely the West will be invited to trade talks anytime soon.



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