YEO USA · REAP BATTERY

ReMax

Utility-Scale — Containerized storage for grid-level projects.

A containerized battery energy storage platform for renewable integration, standalone storage, grid support, and large-scale energy applications.

Technical Specifications

Capacity Range	**3.73–5 MWh**
Standard Configurations	**ReMaxC20-3727-10: 3.73 MWh, 1C, LFP 280 Ah, 38 t · ReMaxC20-5000-05: 5 MWh, 0.5C, LFP 314 Ah, 42 t**
Cell Platform	**LFP 280 Ah / 314 Ah, depending on configuration**
Operating Voltage	**1040–1500 Vdc**
Cooling	**Liquid Cooling**
Protection Rating	**IP55**
Communication	**CAN, RS485, TCP/IP**
Dimensions	**W 6058 × D 2438 × H 2896 mm (20-ft high-cube container)**
Certifications	**CE, UN 38.3, IEC 62619, UL 9540A, UL 1973**
Field References	**REAP Battery's containerized platform is behind its utility-scale references in Azerbaijan (500 MWh) and Romania (20 MWh).**

Applications

Utility-Scale Storage
Large blocks of capacity connected at the transmission or distribution level.

Grid Support
Capacity held ready to support the network through demand and generation swings.

Energy Shifting
Storing surplus energy and returning it in the hours where it carries the most value.

Renewable Integration
Pairing storage with solar or wind generation to smooth output and extend delivery.

Standalone BESS
Storage as the primary asset, operating independently of on-site generation.

Frequency Support
Fast, controlled response to help hold system frequency within its operating band.

YEO USA — REAP Battery product family

Values depend on the selected configuration. Contact our team for project-specific documentation.