

Power your life with LAVO | TELCO™



Introducing the next generation of energy storage.

The unique metal hydride storage system for telecom marker that combines with renewable energy to deliver sustainable, reliable and long duration storage anywhere.

Renewable
Stores green energy from your source



Durable
Operational in conditions 5° to +45°C



Australian
Designed and Developed

Technical Specifications

LAVO | TELCO™ is a modular system that can be built to suit specific storage and generation requirements.

Mechanical

Hydride Vessels per module	5 vessels
Max System Pressure	35 bar
Max Total Hydrogen Storage	1.69 kg
Max Total Energy Density	56.3 kWh
Total Installed Weight	300 kg
Mounting ¹	Concrete slab/footings

Environmental

Operating Temperature Range	-20° to +80° C
Recommended Temperature Range	5° to 45° C
Environmental Humidity Range	3 to 100 ° RH
Lifetime of storage	30 years
Noise Level	< 85 dB at 1.0m
Enclosure Protection Rating	IP54 (Open frame)



Image of 2 LAVO modules (10 vessels) stacked

The LAVO | TELCO™ Energy Storage System

LAVO's metal hydride hydrogen storage solution is a 'gamechanger' in the race to achieve decarbonisation. It is a clean, cost-effective, sustainable and safe solution for widespread distributed use. The alloy filled containers can be directly integrated with electrolyzers and fuel cells to store hydrogen at low pressure without the need of compressors.

Furthermore, the storage container can be carried by standard heavy vehicle and sea vessels for usage at hydrogen refueling stations or for a range of industrial use where high quality hydrogen is required.

www.lavo.com.au

¹ Per Australian Building Code regulations.

