

LEGUAN<sup>®</sup>



All-Terrain Series.  
Electrified.

LEGUANLIFTS.COM

# Zero emissions. Full performance.



### Easy-to-master, harmonious fleet

A uniform design across all models and power trains, with modular components and an intuitive interface, makes operation simple and training effortless. This allows you to focus on the job, not the machine.

### Full performance, unmatched operation time

With a market-leading 27 kWh battery, operators can work a full day on a single charge. OptiTemp® technology, paired with liquid-cooled electric components, delivers diesel-equivalent performance without compromise.

### Lower operating costs, maximum uptime

Maximize uptime and cut operating costs with longer service intervals, fewer maintenance points, and lower energy consumption.

### OptiTemp® Battery by Avant Power

Unique liquid-immersion technology keeps the battery pack operating at an optimal temperature at all times, delivering exceptional safety and consistent performance in all conditions.

### Charge anywhere as standard

Charge your Leguan OptiTemp® Battery spider lift wherever you are. Standard charging supports both 3 kW single-phase and 9 kW three-phase power sources.

### Purpose-built for Leguan

Designed and manufactured in Finland to match Leguan's exact requirements. The complete electric infrastructure is engineered as an integrated system to ensure efficient and reliable operation.

### Built-in IoT connectivity

Stay connected to your Leguan at all times with integrated IoT features. Monitor, manage and receive essential information through the Avant Connect mobile app.

### Charging speed

Standard charging – OptiTemp® 27 kWh (44 V)

3 kW (1-phase)	5 h 30 min
9 kW (3-phase)	1 h 50 min

Charging times are affected by prevailing conditions and temperature. The charging times are stated for a usable battery state of charge (SOC) from 10% to 80%.



## Electrified Fleet with OptiTemp® Battery Technology

### Globally Unique Battery Technology

At the heart of the electrified All-Terrain Series is the exclusive 27 kWh OptiTemp® lithium-ion battery, which is designed and manufactured by Avant Power in Finland. Built to meet the demanding requirements of aerial lift operations, it delivers reliable and safe performance in all weather conditions.

Unlike generic battery solutions, OptiTemp's advanced temperature management ensures that battery cells always operate in the optimal range, maximizing both lifespan and safety. The fully sealed system is service-free and protected against dust, dirt, and harsh working environments, making it ideal for all job sites.

### Liquid-Cooled Electric Motor & Inverter

The electric motor and inverter are liquid-cooled for stable performance under heavy load and continuous operation. This electric infrastructure is purpose-built for Leguan, ensuring diesel-equivalent performance and efficiency tailored specifically for the demands of Leguan All-Terrain Series.

### Unmatched Operation Time & Lower Costs

With its market-leading battery capacity, operators can work a full day or even multiple days on a single charge. Fewer service points and longer service intervals translate into lower lifetime costs and years of worry-free operation. Less downtime, less hassle, more work done.

### Available for Leguan All-Terrain Series

The 27 kWh OptiTemp® battery is available for Leguan 170, 195, 225, and 265 models, combining zero-emission and silent operation with full All-Terrain Series performance.

LEGUAN®

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POWER

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