

## HUSQVARNA

Fueled by a passion for innovation since 1689, Husqvarna provides professional forest, park and garden products. Performance and usability meet safety and environmental care in our leading-edge innovations, where battery solutions and robotics lead the way. The team at Husqvarna wanted to expand their capability into providing robotic lawn mowing solutions to commercial properties such as cemeteries, golf courses and wineries, and domestic and residential properties.

### SITUATION

These large commercial properties had enormous potential to benefit from using autonomous mowers, however were unable to unlock these benefits.

Property managers were turned off this solution as at the time, they required 240V charge stations to be installed which would require ground penetration and power lines to be run. Husqvarna came to Valen looking for a solution to supply remote solar power to charge automowers without the need to break ground.



## VALEN PRODUCTS

- • Valen ENLiFEN 24V100Ah
- • 2x300W Valen Solar Panel
- • Victron Phoenix Inverter
- • Victron SmartSolar MPPT



## SOLUTION

Valen worked with Husqvarna to design a turnkey solution. Utilising a number of quality Valen products, the Valen team developed a complete solar kit with a single part number for ease of reordering. The kit needed to be created in a way that allowed it to be carried to site and installed without heavy machinery.

The kit features Valen products: 24 Volt 100Ah ENLiFEN Lithium Battery, Valen Solar panels, enclosure to house battery and Victron inverter and solar charge controller.

## OUTCOME

Now property owners and managers of larger commercial and special-use properties have an option to use an automated mowing system that is tested and can be ordered simply.

