

## Case Studies

# Booth Transport

Solar Energy | Storage

### Challenge

Booth Transport was founded in 1936 and uses customer service, innovation and productivity to set the standard in bulk liquid, container and direct transport services.

With large warehouse facilities across Australia, Booth were interested in reducing their electricity bills and making use of their large roof space to generate their own energy.

In addition to solar, Booth Transport were interested in battery storage technology to reduce their peak demand charges and store any excess energy produced by their new solar systems.

### Solution

Booth Transport opted to install solar systems on both their Laverton and Strathmerton sites. A 99.75 kW system was installed in Laverton and a 391.02 kW system in Strathmerton. For the Strathmerton site, the Cherry Solar experts designed a system made up of 1,372 Q Cell solar panels and 14 Fronius 27kW inverters. It will produce approximately 561,400 kWh per annum and over 25 years, will save Booth more than \$440,000.

The 99.75 kW system in Laverton was made up of 350 solar panels and 4 27kW inverters. It will generate approximately 132,000 kWh per annum. Over the next 25 years, both sites combined will save more than \$3.3 million.

A 100kWh Tesla Powerpack was also installed in Strathmerton to store excess energy produced by the solar system and dramatically reduce Booth's reliance on the grid.

# 490kW installed

Solar + Storage



 Laverton and Strathmerton, Victoria