

# DOUBLE STOREY CAPE SCHANCK | 8.45 kW

## Technical Specifications



### Components

Solar Panels	26 SunPower P3 Series , 325 watts (8.45kW System)
Power Optimisers	26 Solaredge P500
Inverter	Solaredge SE10000H
Battery	Tesla Powerwall 2

### Installation Details

House size	Double storey
Roof type	Klip lok
Orientation of panels	5° pitch: 9 panels facing west, 5 panels facing north, 12 panels facing east
Inverter & battery location	Garage

### Environmental Benefits

CO <sub>2</sub> emission savings*	13.8 t/year
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\*Calculated at 1.3 tonnes (t) of CO<sub>2</sub> per megawatt hour (MWh) of electricity produced. Estimation based on a coal fired power plant emitting 1.0t of CO<sub>2</sub> per MWh of electricity produced and adding a 30% transmission loss from coal plant to end user.

### Financial Benefits

Payback	7-10 years
Approximate savings in the first year of the solar system**	\$1750-\$2300/year

\*\*This amount will increase with rising electricity prices.