

ORNATE TERRACE ALBERT PARK | 16.2 kW

Technical Specifications



Components

Solar Panels	30 SunPower Maxeon 3, 390 watts (11.7 kW System)
Power Optimisers	30 Solaredge P500
Inverter	2 Solaredge SE5000H
Battery	2 Tesla Powerwall 2

Installation Details

House size	Double storey
Roof type	Colourbond corrugated iron
Orientation of panels	22.5° pitch. 9 panels facing west, 9 solar panels facing east
Inverter mounting location	Cellar

Environmental Benefits

CO ₂ emission savings*	16.9 t/year
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*Calculated at 1.3 tonnes (t) of CO₂ per megawatt hour (MWh) of electricity produced. Estimation based on a coal fired power plant emitting 1.0t of CO₂ per MWh of electricity produced and adding a 30% transmission loss from coal plant to end user.

Financial Benefits

Payback	8.5-10.9 years
Approximate savings in the first year of the solar system**	\$2,180-\$2,860/year

**This amount will increase with rising electricity prices.