



Solar Made Simple - House Case Study

David & Sharon's 2 storey house with east & west facing roof

Complex tiled east & west facing roof

David and Sharon's double storey house has a complex tiled roof with a chimney, skylights and mainly East and West facing slopes.

They were able to install 16 panels to deliver a good distribution of output throughout the day.

They chose to spend a bit extra on a SMA inverter over a lower cost alternative, on account of its reputation for reliability.

How do east & west facing panels perform?

The East and West facing panels give a wider distribution of output through the day, though less in total than North facing panels.

An east/west split has the advantage of producing a more constant output of electricity during the day, which can increase self-consumption.



System size

6.56 kW



Cost of solar installation after Government rebate

\$7,650 total i.e. \$1,160 per kW



Panels

16 QCell Q.MAXX G4 410W panels



Inverter

SMA 5kW inverter



Roof

East and West facing,
2 storey, terracotta tiled roof