



SunMate 2.0

Dual Element Hot Water
Shared Neutral /
Robert Shaw switch bypass

Manual Supplement

Revision 1.1, April 2020
Australian Wind and Solar

Dual Element Hot Water

Shared Neutral / Robert Shaw switch bypass

The Robert Shaw switch allows the top element to power first. Once the top element thermostat opens, the neutral contact also changes state. Connect the neutral to the lower element. The Robert Shaw switch is designed this way to allow only one element to be delivered at a time and share the neutral conductor.

When using only the lower element (off-peak element), the top element (peak element) must be bypassed and the lower element (off peak) connect to the SunMate output.

