freedom won AUSTRALIA

UNITY HUB, SLACKS CREEK, QLD

SOLAR ENERGY FOR EVENING EVENTS, WITH BATTERIES ABOVE THE FLOOD LINE



Rooftop solar layout visualisation



Raised battery system visualisation

LOWER COSTS AFTER SUNSET

Solar energy when events need it

Daytime solar charges the batteries. Stored energy supports evening events and other use outside solar hours, reducing grid purchases.

A practical response to flood risk

The power room is in a flood-prone location. A raised platform places batteries above the previous flood line.

60 kW

ROOFTOP SOLAR

Daytime generation for use and storage

180 kWh

FW HV BATTERIES

Six 30 kWh high-voltage batteries

3 x 20 kW

THREE-PHASE INVERTERS

60 kW total inverter capacity

125 A

GRID PROTECTION PANEL

System bypass switch included

GREATER ENERGY INDEPENDENCE FOR COMMUNITY EVENTS