

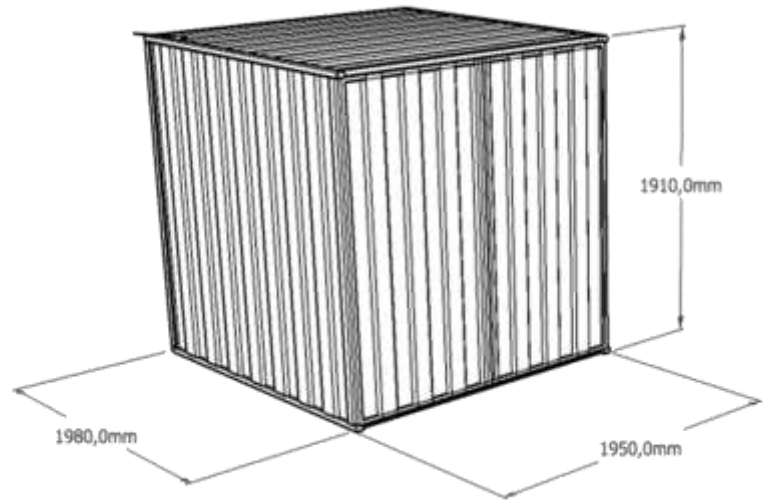


OffGridBox™

PIONEER model

Shelter

External dimensions: 1.98 x 1.95 x 1.91 m (6 ft container)
Photovoltaic roof dimensions: 4 x 5 m (13 x 16 ft)
Dry Weight: 1300 kg (3307 lbs)
Colour: RAL 9003, Standard White



Electricity

Photovoltaic Modules: 4.08 kW (up to 8.16 kW)
Minimum: 12 x 340 Wp top warranty (EXE SOLAR or similar)
Inverter: VICTRON Multiplus 5KVA (AC, 6kW peak, 2.4 continuous)
- 230V 50Hz or 120V 60Hz
- 1 AC input (generator or Grid)
Solar Charger: VICTRON mppt
Battery Storage: 2x VICTRON Lithium 25.6V (5.2 kWh)

Water Treatment

Inner Water Tank: 600 litres (food quality certified)
Rain water capture system: gutter with external gross filter and original first rain filter
Internal Filters:
- 89 micron (washable, semi-automatic)
- 30 micron (washable, semi-automatic)
- 10 micron activated charcoal filter (replaceable)
High efficiency pump: CALPEDA 16 liters (4.2 gal) per minute
UltraViolet sterilization lamp: VIQUA with countdown

Remote Monitoring

Optional unique Water & Power Control & Monitoring App through 2G, 3G, 4G
Includes: sensors, algorithms, cloud dashboard

Optional Add Ons

Generator back-up switch (external)
Programmable irrigation timer
Wi-Fi sharing with 32 m (105 ft) range
USB charging rack for up to 200 battery packs
Desalination module: DANFOSS reverse osmosis or similar
Ultrafiltration: 1200 liters/hour, proprietary backwash system

