

## Solar Powered GRP Cabinet



- Weatherproof GRP enclosure for instrumentation.
- Fitted with 3 x 10 watt 12V solar panels
- Marine ply internal backboard, removable.
- Corrosion proof hinges and fittings
- Choice of locks - Yale key or railway security type
- Ideal for low powered telemetry and instrumentation.

### Solar Powered Weatherproof Cabinet

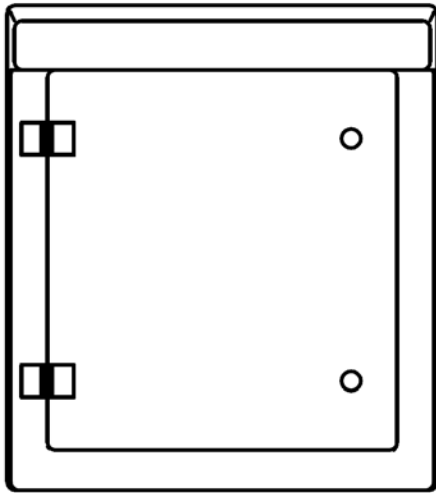
Streamline Measurement have been manufacturing rugged, weatherproof GRP cabinets for the utility industries for many years. Originally developed for housing groundwater level loggers in remote locations, the new solar cabinet is a natural progression in this product development.

An existing customer asked if we could develop a version with integral solar panels to recharge internal 12V batteries that provide backup power for their telemetry and some instruments. By fitting 10 watt solar panels on each of the 3 sides of the cabinet we ensure some charging is taking place throughout the daylight period. The panels are embedded into the walls of the cabinet which will make the best use of low solar angles in winter. This also avoids using high, obvious mounting poles and reduces the risk of vandalism.

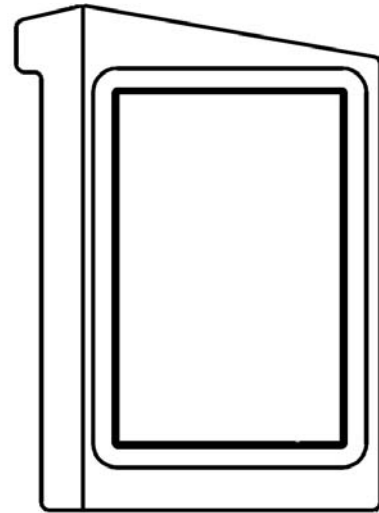
### Applications

- Data Logging
- Telemetry Outstations
- Automatic water sampling
- Flow meters
- Environmental Monitoring
- Air sampling





Front View



Side View

Solar Kiosk Specifications	
<b>External dimensions</b>	Height 590mm Width 536mm Depth 436mm
<b>Internal dimensions</b>	Height (towards back) 530mm Width 430mm Depth from door to backboard 310mm
<b>Door entrance</b>	Height 475mm Width 430mm
<b>Solar Panels</b>	Three x 10 Watt 12V nominal Mounted on side and rear walls Sealed against water ingress 4 point lock mounting only accessible from inside the kiosk.
<b>External finish</b>	Bonded gelcoat in olive green or dove grey
<b>Internal finish</b>	White slip resistant polyester
<b>Kiosk furniture</b>	Corrosion proof hinges and locks Yale barrel, High security or padlock