

## DATASHEET

# Fuelfix & Tanks2Go 70FF Self-Bunded Solar Tank

The Fuelfix Self-Bunded Solar 70FF couples a 5kW solar array with 10kwh battery to deliver a self-powered large scale fuel storage solution in a single footprint. This easy to move and setup system is ideal for remote location such as well mining and construction sites, requiring on-site refuelling.



### Economical and Maintenance Free

The tank is capable of dispensing over 55,000 litres per day using solar energy, with an additional backup dispensing capacity of 20,000 litres from the battery at 240 litre per minute through a 10mm heavy and light vehicle hose reel\*. This system operates independently, requiring no external diesel generator, thereby reducing operational and maintenance costs.  
 \*Hose reels have a digital meter and come with auto or dry break nozzles.



### Movable - Single Footprint

This tank is easily transported using side-loaders or a tilt tray, removing the need for cranes, EWP's and any related working at height risks when loading and unloading. The tank is transported with the solar array attached in a retracted position which can then be easily deployed in minutes. The battery is securely housed within the enclosed bund.



Gross Capacity: <b>69,400L</b>	Height: <b>3,251 mm</b>
Safe Fill: <b>65,930L</b>	Length: <b>12,180 mm</b>
Weight (Empty): <b>14,050 kg</b>	Width: <b>2,430 mm</b>
Weight (Full Tank): <b>69,853 kg</b>	Design Standards: <b>UL 142, ULCS601</b>
Australian Standards: <b>AS1940, AS1657, AS1692</b>	

These specifications are subject to variation. Please contact the Fuelfix Sales team for more information.

### Standard Fittings

3" Male camlock coupling with dust cap fitted to tanker filling point, wafer non-return fitted to filling line, 3" fire safe ball valves, container corner castings, primary tank access manway, calibrated fluid level dipstick and statutory signage, interstitial space dip point. Finished in white marine grade polyurethane paint.

### Optional Fittings

- Fuelfix fuel management system
- ATG



### Secure and Efficient

Overfill protection supplied with mechanical shut-off and alarm. Free-to-air vent weather cap. Tank floor has fall-to-front for water collection and tank-top evacuation point. Front mounted security doors with container lock.



### Environment- Friendly

Fully solar powered eliminates noise and emissions. Self-bunded double wall design and spill contained pump bay housing with removable ventilation panels. Anti-syphon valve prevents fuel loss and possible contamination should a pipe or hose fail



### Safety

Solar array rated to category A & B regions when panels extended and Cyclone when panel retracted.



### Flexibility

For customers requiring larger dispensing volumes, enhanced backup capabilities or specific requirements, this tank can be integrated with Fuelfix's extensive range of battery and hybrid power solutions. This allows Fuelfix to customise a solution tailored to the specific needs of each customer.

### General – Solar Array



Model: <b>Solar Skid 5.0kW</b>	Power: <b>5.0kWp</b>
<b>Open circuit Voltage and Short Circuit current under STC</b>	
String Open Circuit Voltage (DC): <b>258.5V<math>\pm</math>3% @ 25°C</b>	String Short circuit Current (DC): <b>12.28A<math>\pm</math>4% @ 25°C</b>
Panel: <b>500W</b>	Number of Panels: <b>10</b> (5 panels per string)
Mounting: <b>Container – ISO Locks</b>	
Wind Rating: <b>Category A &amp; B regions with panels extended, Cyclone when panels retracted.</b>	

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### Pump bay – 10kWh battery

