

## FuturePump SF1 solar power water pump kit that moves 1250 litres/hour @ 8 m head

FuturePump SF1 solar power water pump system

Complete self-contained water pump package

32 mm (1-1/4 inch ports)

Robust, portable and simple Dutch design

Self-priming for low suction heads

OK to run dry

No battery required

No fuel required

No electricity required

No pollution

Low noise

Few moving parts

Low maintenance

Robust tube frame

Portable - easy to move

USB phone charging socket

Removable 80 watt solar panel

Pack dimensions:

Shipped in 2 cartons

Carton 1: FuturePump SF1 pump (35 kg)

685 x 270 x 685 mm (L x W x H)

Carton 2: FuturePump solar panel (8.2 kg)

950 x 50 x 700 mm (L x W x H)

Total weight (2 x items): 43.2 kg

Performance:

42 litres/minute max

2500 litres/hour max

12,000 litres/day max

2,500 litres/hour at 1 m head

1,600 litres/hour at 6 m head

1,250 litres/hour at 8 m head

800 litres/hour at 10 m head

10 m head max

1 bar (15 psi) max

Lifts water from up to 8 m depth

How does it work?

4 main parts:

Solar panel converts sunlight into electricity

Unique DC motor that turns a flywheel

Flywheel that drives the pump

Reciprocal piston type water pump

Applications include:

Filling water tanks

Flood control

Drip irrigation systems

Irrigation sprinklers

Flood irrigation

K-Line irrigation

Emergency small scale fire fighting

Dust suppression on construction sites

