



# WATERBOY

## FAIR DINKUM SOLAR PUMPS



### WATERBOY 4C 2.2kW 19-7 ACDC

#### 4" Centrifugal Solar Pumping System

#### FEATURES

- Permanent magnet Brushless double shield motor with FOC function.
- Soft start operation function extends the life of the system.
- AC/DC wide voltage: 60-380VDC or 90-240VAC,50/60Hz.
- MPPT function for DC part, can achieve > 99% efficiency.
- PFC (Power Factor Correction) function for AC can increase power factor over 0.99.
- Protection for over/under-load,over-temperature, over-Current, over-Voltage, Phase lack.
- Locked rotor protection.

#### BENEFITS

- Lift up to 280m
- Flow rate up to 16,800 L/hour
- Designed for remote & harsh Australian conditions.
- Fast & simple installation.
- Maintenance-free
- High reliability & life expectancy

Bore part number: 4CBW19-7-3000B  
 Dam Floating part number: 4CBW19-7-3000D  
 Bore pump extra cabling: 6000B  
 Dam pump extra cabling: 6000D



#### 4C 2.2kW 19-7

TDH	L/MIN	L/HOUR
10	280	16,800
20	230	13,800
30	200	12,000

L/hour \* 6 for solar average flow rate

#### SOLAR PUMP SYSTEM INCLUDES:



4C 19-7 2.2kW Pump, motor and switch



Power, Low Water and SS Safety Cable  
Bore \$18p/m / Dam \$14p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x370w Mono Crystalline Solar Panels



Bore Cap or Dam Float



Low water protection (bore kit only)

#### ACCESSORIES

- 6101 - Tank switch
- 6045NO - Pressure switch
- 6112 - 1.5" Double acting float valve
- 6015 - Sacrificial anode 1 1/4"



Tank full switch inc 20m cable \$165+GST



Pressure Switch 12 bar inc gauge & fittings \$300+GST



Double acting float valve For use with Pressure Switch - \$300+GST



Anode \$120+GST



Shipping Dimensions  
1x Crate 440 x 60 x 65cm @ 280kg  
1x Pallet 200 x 115 x 45cm @ 190kg