

FAIR DINKUM SOLAR PUMPS



PRICE LIST

JULY 2023

LIFT M

QUICK PUMP SELECT

140	4HRH2200 pg 12	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24
130	4HRH2200 pg 12	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24
120	4HRH1100 pg 11	4CSS12-18 3000W pg 25	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24
110	4HRH1100 pg 11	4HRH2200 pg 12	4CSS7-31 3000W pg 24	4CSS7-31 3000W pg 24
100	4HRH1100 pg 11	4HRH1100 pg 11	4CSS12-18 3000W pg 25	4CSS7-31 3000W pg 24
90	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25	4CSS12-18 3000W pg 25
80	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25	4CSS12-18 3000W pg 25
70	4HRH800 pg 10	4HRH800 pg 10	4CSS12-18 3000W pg 25	4CSS12-18 3000W pg 25
60	3HRH400 pg 8	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25
50	3HRH400 pg 8	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25
40	3HRH400 pg 8	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25
30	3HR300 pg 7	4HRH800 pg 10	4HRH1100 pg 11	4CSS12-18 3000W pg 25
20	3HR300 pg 7	3HRH400 pg 8	4HRH2200 pg 12	4C12-6 2200W pg 21
10	3HR200 pg 6	3HRH400 pg 8	4HRH2200 pg 12	4C12-6 2200W pg 21
5,000		10,000	15,000	20,000
		30,000	35,000	40,000
		45,000	50,000	55,000
				60,000

Average litres per day based on 6 pumping hours. Approximately 20% more water in summer, 20% less in winter.



WATERBOY

FAIR DINKUM SOLAR PUMPS

ABOUT BW SOLAR

BW Solar is the company behind the design, development & distribution of Waterboy products

We're a family of farmers, drillers and pump technicians who recognised 20 years ago there needed to be a better way to pump water in rural and remote areas. So we got stuck in the only way we knew how - using our experience on the land to source and manufacture solutions that make sense out here. Today our pumps are in almost every corner of Australia and trusted by the biggest names in business.

As Australia is pushing more and more towards the protection of our environment, Waterboy is helping decarbonise our earth one pump at a time as we head towards a zero emissions future.

KEY SELLING POINTS

- Environmentally friendly, helping decarbonise Australia.
- Perfect energy transition product to assist clients reduce CO² output.
- Family owned business.
- A very good sized solar system for windmill and motorised pump replacements.
- They are very reliable.
- Pricing fits in below the major brands.
- Helical rotor replacements are cheaper and easy to repair.
- Systems are plug & play and very easy to install.
- You can keep a couple in stock and slot into jobs as required.
- You don't need an app to operate.
- Systems come with 3 years warranty.

PRICING

All pricing is RRP and does not include wholesale discount or GST.

SYSTEM PACKING & SHIPPING

Complete kits include all the hardware for the pump system. You only need to supply a few fittings, poly pipe and concrete to complete installation.

Shipping rates as follows:

- XFREX1 - 200w, 300w and 400w systems \$300+GST
- XFREX2 - 800w and 1100w systems \$500+GST
- XFREX3 - Bigger systems are quoted per application

Drive packs, is the pump, motor & controller only, does NOT include solar panels, framing or any accessories:

- XFREX4 - Single drive pack \$100+GST
- XFREX5 - 10 x Drive packs \$500+GST

NO DISCOUNT APPLIES TO FREIGHT



Drive Pack



33 Emerald Road, Maddington, 6109, Western Australia



200,300 & 400w systems



800 & 1100w systems

PUMP SIZING

For product longevity, BW Solar strongly recommend upsizing the pumping system if operating close to the limit of the pump systems lift or flow rate capability. Operating above the pumps capabilities will reduce life and increase chance of failure due to stress on the entire system.

WARRANTY

Waterboy pumps have averaged less than 1.5% warranty return rates over the last 5 years, as of 1st July 2023 warranty is increasing to 3 years on complete systems. All drive packs have a 2 year warranty.



RETURN POLICY

Please contact us prior to any return of goods to obtain authorisation.

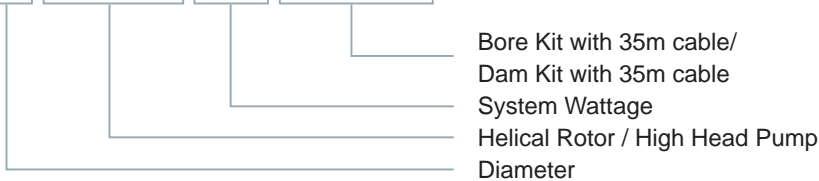
Goods ordered and shipped but then returned (other than faulty goods) must be received back within 21 days of original shipment, in unused/undamaged condition, in original packaging. Customer to pay return freight costs and 20% restocking fee. Pump parts ordered (rotor/stator or impellers) are non-returnable.



HELICAL ROTOR PUMP SYSTEMS

The most efficient, robust and cost effective pump

3 **HR/HRH** **200** **-B35/D35**



3HR200-B35 / 3HR200-D35

3" Diameter

HR – Helical Rotor pump end

200 – 200w of solar power

B35 – Bore kit with 35m power, low water and SS safety cabling

D35 – Dam kit with 35m power cable and SS safety cable

4HRH1100-B40 / 4HRH1100-D40

4" Diameter

HRH – High Head Helical Rotor pump end

1100 – 1100w of solar power

B40 – Bore kit with 40m power, low water and SS safety cabling

D40 – Dam kit with 40m power cable and SS safety cable

Add extra cable to any pump system:

6000B bore pump extra cabling (power, low water & ss safety cable) \$16/m+GST

6000D dam pump system extra (Power and SS safety cable) \$12/m+GST

PERFORMANCE CHARTS

3HR200

TDH	L/MIN	L/DAY
5	17	6120
10	16	5760
15	14	5040
20	12	4320
25	10	3600
30	8	2880

TDH - Total Dynamic Head

is the calculation of vertical meters lift plus any friction loss in the delivery pipe. A bigger pipe size will help reduce friction and increase the pumps longevity.

L/DAY - Performance based on 6 peak sun hours of pumping. Summer months you can expect 20% more water per day and winter months 20% less.



WATERBOY

FAIR DINKUM SOLAR PUMPS



Helical Rotor (HR) solar pump systems include

- Drive Pack - pump, motor, controller
- Heavy duty cyclone rated pole mount frame
- Mono crystalline solar panels
- Bore or Dam mounting accessory kit
- 35m or 40m Cabling set (power, low water & SS safety)

3HR200

3HR300

3HRH400

TDH	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY
5	17	6,120	26	9,360	32	11,520
10	16	5,760	25	9,000	31	11,160
15	14	5,040	24	8,640	30	10,800
20	12	4,320	22	7,920	29	10,440
25	10	3,600	20	7,200	28	10,080
30	8	2,880	18	6,480	27	9,720
40			13	4,680	23	8,280
50			8	2,880	20	7,200
60					15	5,400
70					12	4,320
RRP	\$4,312		\$5,022		\$5,503	



4HR400

4HRH800

4HRH1100

4HRH2200

TDH	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY
10	47	16,920	38	13,680	51	18,360	61	21,960
20	37	13,320	37	13,320	50	18,000	61	21,960
30	27	9,720	36	12,960	47	16,920	61	21,960
40	18	6,480	34	12,240	46	16,560	60	21,600
50			33	11,880	44	15,840	55	19,800
60			30	10,800	42	15,120	50	18,000
70			28	10,080	39	14,040	45	16,200
80			26	9,360	36	12,960	40	14,400
90			15	5,400	33	11,880	38	13,680
100					28	10,080	34	12,240
110					25	9,000	30	10,800
120					20	7,200	27	9,720
130							23	8,280
140							19	6,840
RRP	\$5,926		\$6,735		\$7,220		\$8,633	



Heavy Duty Cyclone Rated Pole Mount Frame



Mono Crystalline Solar Panels



35m/40m Power Cable low water probe & safety cabling



- Dry run protection
- Bore cap or Dam float
- Spare helical rotor
- Easy DIY installation manual



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 3HR200

3" Helical Rotor Solar Pumping System

FEATURES

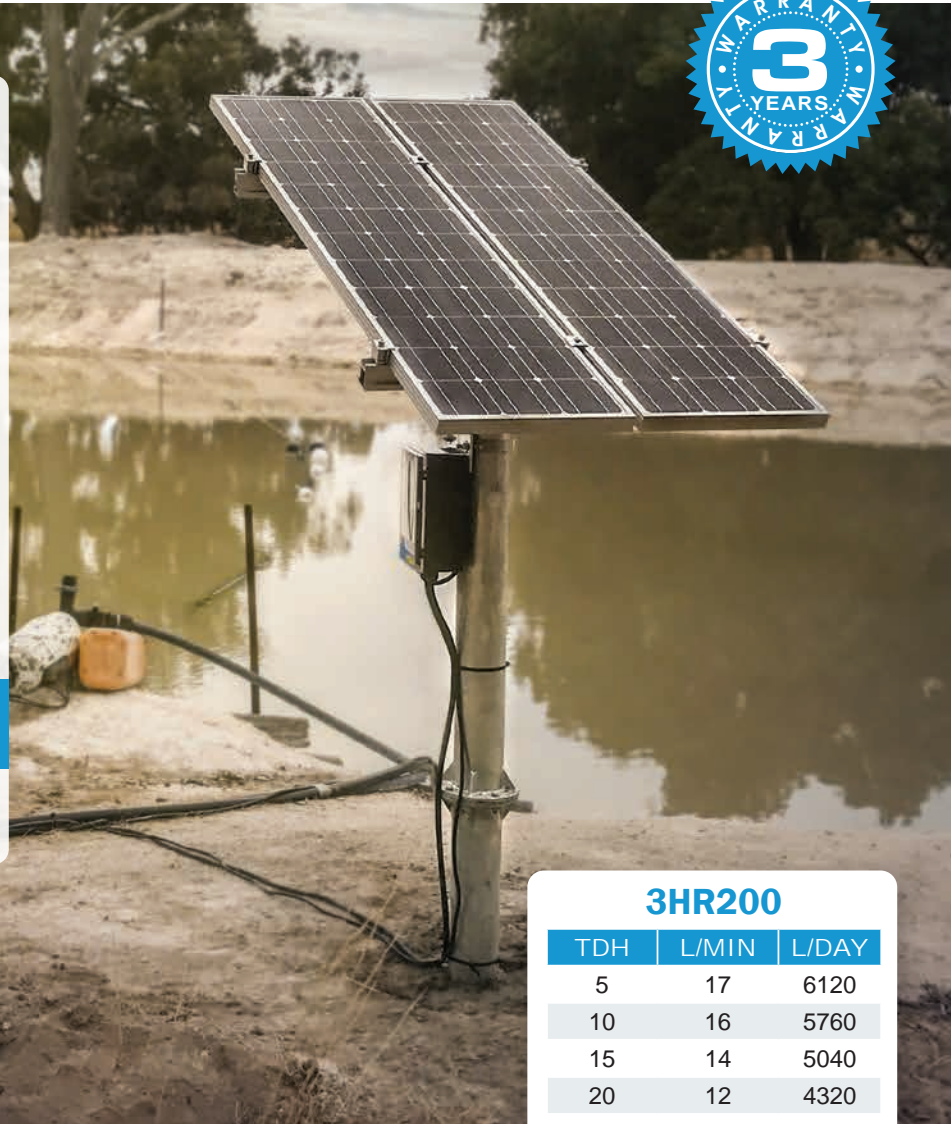
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 30m
- Flow rate up to 6,120 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$4,312+GST Delivery **\$300+GST**

Bore part number: 3HR200-B35
Dam Floating part number: 3HR200-D35
Nationwide Delivery part number: XFREX1



3HR200

TDH	L/MIN	L/DAY
5	17	6120
10	16	5760
15	14	5040
20	12	4320
25	10	3600
30	8	2880

SOLAR PUMP SYSTEM INCLUDES:



3HRSS Pump, Motor, and Controller



35m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



2x105w 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
- 6013 - 3" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 175 x 55 x 65cm @ 125kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 3HR300

3" Helical Rotor Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 50m
- Flow rate up to 9,360 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$5,022+GST Delivery **\$300+GST**

Bore part number: 3HR300-B35
 Dam Floating part number: 3HR300-D35
 Nationwide Delivery part number: XFREX1



3HR300

TDH	L/MIN	L/DAY
5	26	9,360
10	25	9,000
15	24	8,640
20	22	7,920
25	20	7,200
30	18	6,480
40	13	4,680
50	8	2,880

SOLAR PUMP SYSTEM INCLUDES:



3HRSS Pump, Motor, and Controller



35m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



3x105w 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
- 6013 - 3" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 175 x 55 x 65cm @ 135kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 3HRH400

3" Helical Rotor Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 70m
- Flow rate up to 11,520 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$5,503+GST Delivery **\$300+GST**

Bore part number: 3HRH400-B40
 Dam Floating part number: 3HRH400-D40
 Nationwide Delivery part number: XFREX1



3HRH400

TDH	L/MIN	L/DAY
5	32	11,520
10	31	11,160
15	30	10,800
20	29	10,440
25	28	10,080
30	27	9,720
40	23	8,280
50	20	7,200
60	15	5,400
70	12	4,320

SOLAR PUMP SYSTEM INCLUDES:



3HRSS-H Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x105w 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
- 6013 - 3" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 175 x 55 x 65cm @ 150kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4HR400

4" Helical Rotor Solar Pumping System

FEATURES

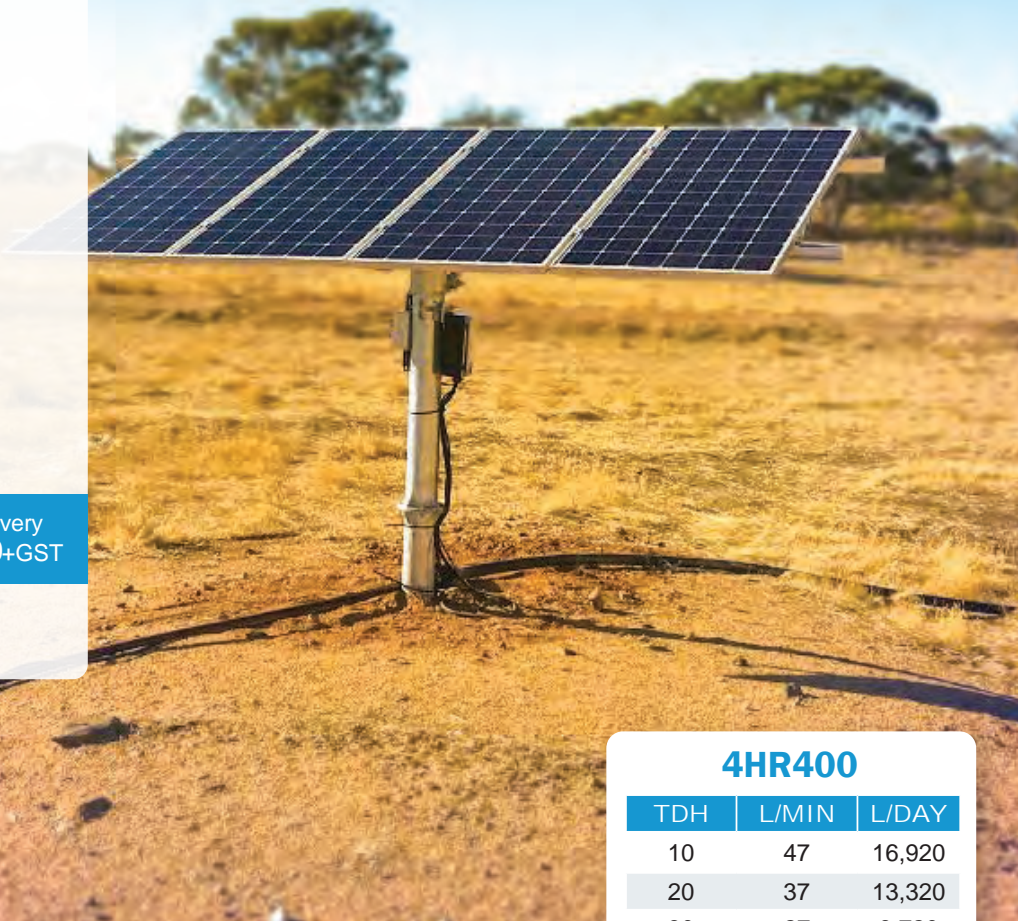
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 40m
- Flow rate up to 16,920 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$5,926+GST Delivery **\$300+GST**

Bore part number: 4HR400-B40
 Dam Floating part number: 4HR400-D40
 Nationwide Delivery part number: XFREX1



4HR400

TDH	L/MIN	L/DAY
10	47	16,920
20	37	13,320
30	27	9,720
40	18	6,480

SOLAR PUMP SYSTEM INCLUDES:



4HRSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x105w 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
- 6014 - 4" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 175 x 55 x 65cm @ 165kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4HRH800

4" Helical Rotor Solar Pumping System

FEATURES

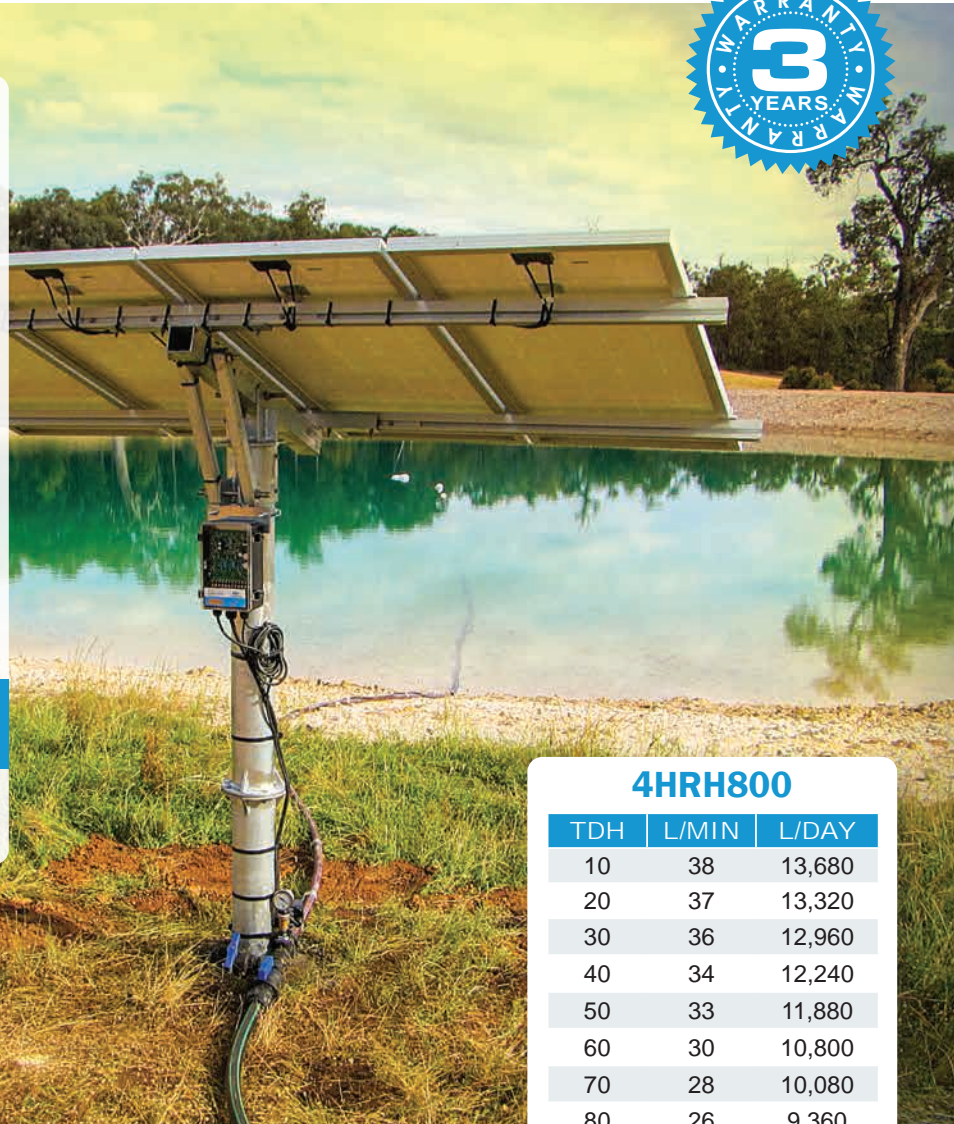
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 90m
- Flow rate up to 13,680 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$6,735+GST Delivery **\$500+GST**






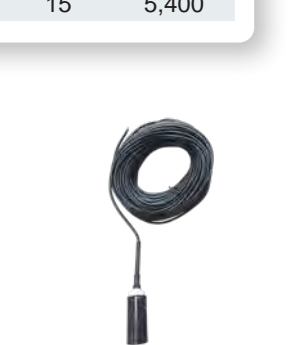
Bore part number: 4HRH800-B40
 Dam Floating part number: 4HRH800-D40
 Nationwide Delivery part number: XFREX2



4HRH800

TDH	L/MIN	L/DAY
10	38	13,680
20	37	13,320
30	36	12,960
40	34	12,240
50	33	11,880
60	30	10,800
70	28	10,080
80	26	9,360
90	15	5,400

SOLAR PUMP SYSTEM INCLUDES:

					
4HRSS-H Pump, Motor, and Controller	40m of Power Cable low water probe & safety cabling	Heavy Duty Cyclone Rated Pole Mount Frame	3x330w 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
- 6014 - 4" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 210 x 100 x 55cm @ 195kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4HRH1100

4" Helical Rotor Solar Pumping System

FEATURES

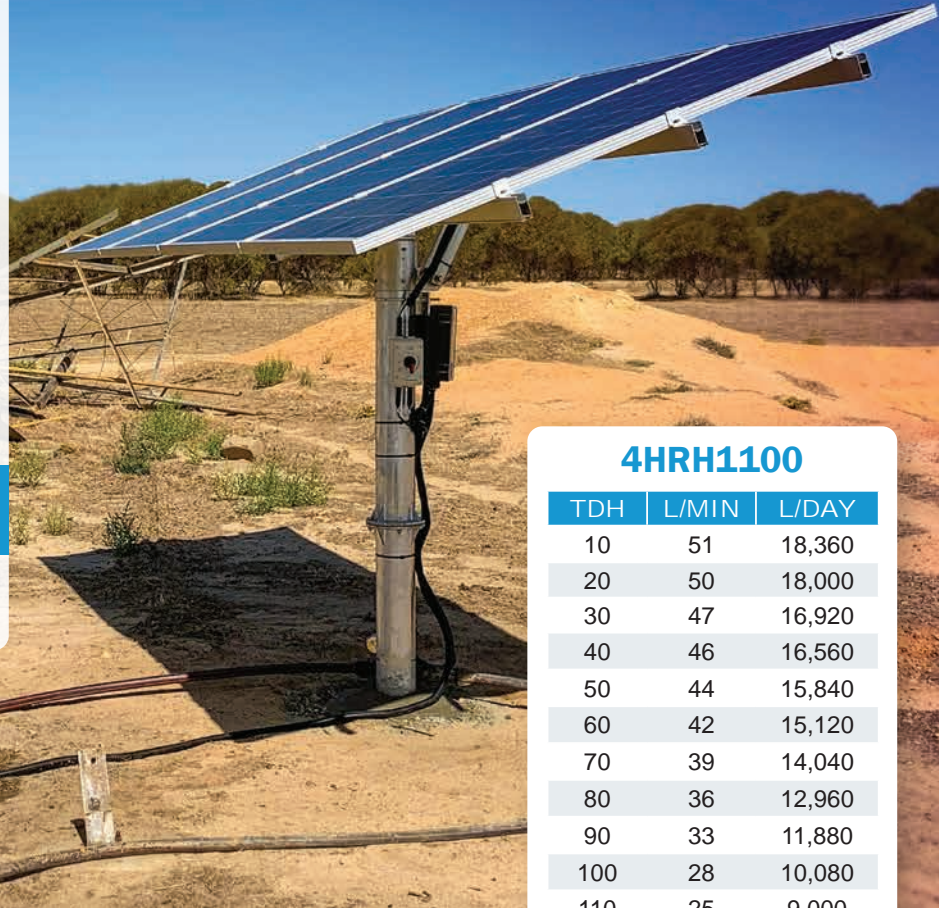
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 120m
- Flow rate up to 18,360 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$7,220+GST Delivery **\$500+GST**






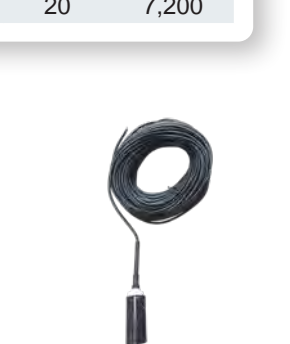
Bore part number: 4HRH1100-B40
 Dam Floating part number: 4HRH1100-D40
 Nationwide Delivery part number: XFREX2



4HRH1100

TDH	L/MIN	L/DAY
10	51	18,360
20	50	18,000
30	47	16,920
40	46	16,560
50	44	15,840
60	42	15,120
70	39	14,040
80	36	12,960
90	33	11,880
100	28	10,080
110	25	9,000
120	20	7,200

SOLAR PUMP SYSTEM INCLUDES:

					
4HRSS-H Pump, Motor, and Controller	40m of Power Cable low water probe & safety cabling	Heavy Duty Cyclone Rated Pole Mount Frame	4x330w 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
- 6014 - 4" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 210 x 100 x 60cm @ 215kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4HRH2200 4" Helical Rotor Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 140m
- Flow rate up to 21,600 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$8,633+GST

Contact us
for delivery
rates

Bore part number: 4HRH2200-B40
Dam Floating part number: 4HRH2200-D40

4HRH2200

TDH	L/MIN	L/DAY
40	60	21,600
50	55	19,800
60	50	18,000
70	45	16,200
80	40	14,400
90	38	13,680
100	34	12,240
110	30	10,800
120	27	9,720
130	23	8,280
140	19	6,840

SOLAR PUMP SYSTEM INCLUDES:



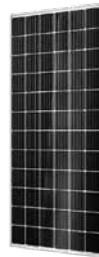
4HRSS-H Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



8x330w 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
- 6014 - 4" HR sacrificial anode



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions
1x Crate 290 x 55 x 65cm @ 230kg
1x Pallet 170 x 115 x 43cm @ 170kg



CENTRIFUGAL PUMP SYSTEMS

High flow medium lift applications

PERFORMANCE CHARTS

4 C 7 8 1100 -B40/D40



4C781100

TDH	L/MIN	L/DAY
5	100	36,000
10	95	34,200
15	90	32,400
20	85	30,600
25	70	25,200
30	60	21,600
40	40	14,400

TDH - Total Dynamic Head is the calculation of vertical meters lift plus any friction loss in the delivery pipe. A bigger pipe size will help reduce friction and increase the pumps longevity.

L/DAY - Performance based on 6 peak sun hours of pumping. Summer months you can expect 20% more water per day and winter months 20% less.

4C781100-B40 / 4C781100-D40

- 4" Diameter
- C – Centrifugal pump end
- 7 – Rated flow rate m³/hr
- 8 – Number of impellers
- 1100 – 1100w of solar power supplied with system
- B40 – Bore kit with 40m power, low water and SS safety cabling
- D40 – Dam kit with 40m power cable and SS safety cable



WATERBOY

FAIR DINKUM SOLAR PUMPS



Centrifugal (C) solar pump systems include

- Drive Pack - pump, motor, controller
- Heavy duty cyclone rated pole mount frame
- Mono crystalline solar panels
- Bore or Dam mounting accessory kit
- DC isolator for systems above 400w

	4C48400		4C5121100		4C781100		4C1261100	
TDH	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY
5	42	15,120	60	21,600	100	36,000	160	57,600
10	41	14,760	60	21,600	95	34,200	130	46,800
15	34	12,240	55	19,800	90	32,400	110	39,600
20	28	10,080	52	18,720	85	30,600	90	32,400
25			48	17,280	70	25,200	80	28,800
30			45	16,200	60	21,600		
40			36	12,960	40	14,400		
RRP	\$6,375		\$7,948		\$7,948		\$7,948	

	5C2822200		4C1262200		4C782200		4C5122200	
TDH	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY
10	260	93,600	200	72,000	130	46,800	80	28,800
20			160	57,600	120	43,200	75	27,000
30			120	43,200	100	36,000	70	25,200
40			90	32,400	90	32,400	63	22,680
50					80	28,800	57	20,520
60					70	25,200	50	18,000
70							40	14,400
80							32	11,520
90							26	9,360
RRP	\$9,248		\$9,248		\$9,248		\$9,248	



Heavy Duty Cyclone Rated Pole Mount Frame



Mono Crystalline Solar Panels



40m Power Cable low water probe & safety cabling



- Dry run protection
- Bore cap or Dam float
- Easy DIY installation manual



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C48400

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 20m
- Flow rate up to 15,120 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$6,375+GST Delivery **\$300+GST**

Bore part number: 4C48400-B40
 Dam Floating part number: 4C48400-D40
 Nationwide Delivery part number: XFREX1



4C48400

TDH	L/MIN	L/DAY
5	42	15,120
10	41	14,760
15	34	12,240
20	28	10,080

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x105w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 175 x 55 x 65cm @ 165kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C781100

4" Centrifugal Solar Pumping System

FEATURES

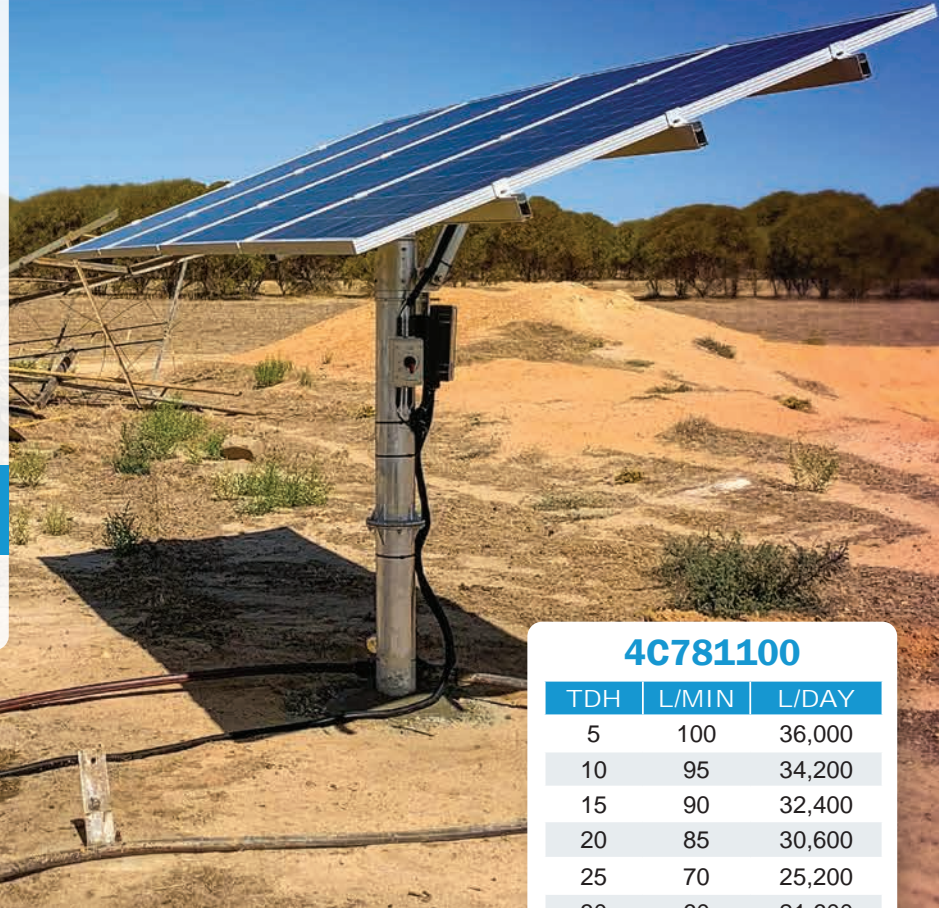
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 40m
- Flow rate up to 36,000 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$7,948+GST Delivery **\$500+GST**

Bore part number: 4C781100-B40
 Dam Floating part number: 4C781100-D40
 Nationwide Delivery part number: XFREX2



4C781100

TDH	L/MIN	L/DAY
5	100	36,000
10	95	34,200
15	90	32,400
20	85	30,600
25	70	25,200
30	60	21,600
40	40	14,400

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x330w 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
- 6016 - Sacrificial anode 1½"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 210 x 100 x 60cm @ 230kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C5121100

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 40m
- Flow rate up to 21,600 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$7,948+GST Delivery **\$500+GST**

Bore part number: 4C5121100-B40
 Dam Floating part number: 4C5121100-D40
 Nationwide Delivery part number: XFREX2



4C5121100

TDH	L/MIN	L/DAY
5	60	21,600
10	60	21,600
15	55	19,800
20	52	18,720
25	48	17,280
30	45	16,200
40	36	12,960

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x330w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 210 x 100 x 60cm @ 230kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C1261100 4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 25m
- Flow rate up to 57,600 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$7,948+GST Delivery **\$500+GST**

Bore part number: 4C1261100-B40
Dam Floating part number: 4C1261100-D40
Nationwide Delivery part number: XFREX2



4C1261100

TDH	L/MIN	L/DAY
5	160	57,600
10	130	46,800
15	110	39,600
20	90	32,400
25	80	28,800

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



4x330w 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
- 6016 - Sacrificial anode 1 1/2"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



Shipping Dimensions 1x Crate 210 x 100 x 60cm @ 230kg



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C782200

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 60m
- Flow rate up to 46,800 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$9,248+GST

Contact us for delivery rates

Bore part number: 4C782200-B40
Dam Floating part number: 4C782200-D40



4C782200

TDH	L/MIN	L/DAY
10	130	46,800
20	120	43,200
30	100	36,000
40	90	32,400
50	80	28,800
60	70	25,200

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



8x330w 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
- 6016 - Sacrificial anode 1½"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C5122200

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 90m
- Flow rate up to 28,800 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$9,248+GST

Contact us for delivery rates

Bore part number: 4C5122200-B40
Dam Floating part number: 4C5122200-D40



4C5122200

TDH	L/MIN	L/DAY
10	80	28,800
20	75	27,000
30	70	25,200
40	63	22,680
50	57	20,520
60	50	18,000
70	40	14,400
80	32	11,520
90	26	9,360

SOLAR PUMP SYSTEM INCLUDES:



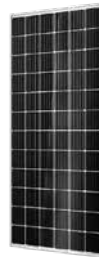
4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



8x330w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C1262200 4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 40m
- Flow rate up to 72,000 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$9,248+GST

Contact us
for delivery
rates

Bore part number: 4C1262200-B40
Dam Floating part number: 4C1262200-D40



4C1262200

TDH	L/MIN	L/DAY
10	200	72,000
20	160	57,600
30	120	43,200
40	90	32,400

SOLAR PUMP SYSTEM INCLUDES:



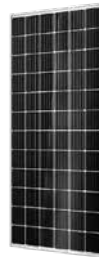
4CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



8x330w 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
- 6016 - Sacrificial anode 1 1/2"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 5C2822200

5" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 10m
- Flow rate up to 93,600 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$9,248+GST

Contact us for delivery rates

Bore part number: 5C2822200-B40
Dam Floating part number: 5C2822200-D40

5C2822200

TDH	L/MIN	L/DAY
10	260	93,600

SOLAR PUMP SYSTEM INCLUDES:



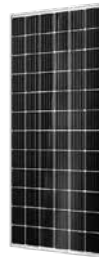
5CSS Pump, Motor, and Controller



40m of Power Cable low water probe & safety cabling



Heavy Duty Cyclone Rated Pole Mount Frame



8x330w 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
- 6016 - Sacrificial anode 1½"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



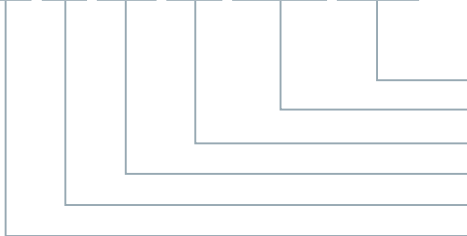
Shipping Dimensions
1x Crate 440 x 60 x 65cm @ 280kg
1x Pallet 200 x 115 x 45cm @ 190kg



3000W CENTRIFUGAL PUMP SYSTEMS

High flow and high lift applications

4 C 20 10 3000 B/D



Bore Kit / Dam Kit
System Wattage
Number of Impellers
Rated Flow Rate
Centrifugal
Diameter

PERFORMANCE CHARTS

4C20103000

TDH	L/MIN	L/DAY
10	291	104,760
20	250	90,000
30	200	72,000
40	165	59,400
50	110	39,600
60	65	23,400

TDH - Total Dynamic Head is the calculation of vertical meters lift plus any friction loss in the delivery pipe. A bigger pipe size will help reduce friction and increase the pumps longevity.

L/DAY - Performance based on 6 peak sun hours of pumping. Summer months you can expect 20% more water per day and winter months 20% less.

4C20103000B / 4C20103000D

- 4" Diameter
- C – Centrifugal pump end
- 20 – Rated flow rate m³/hr
- 10 – Number of impellers
- 3000 – 3000w of solar power supplied with system
- B – 6000B bore pump extra cabling (power, low water & ss safety cable) \$16/m+GST
- D – 6000D dam pump system extra (Power and SS safety cable) \$12/m+GST



WATERBOY

FAIR DINKUM SOLAR PUMPS



3000W Centrifugal (C) solar pump systems include

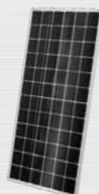
- Drive Pack - pump, motor, controller
- Heavy duty cyclone rated pole mount frame
- 3000W Mono crystalline solar panels
- Bore or Dam mounting accessory kit
- DC isolator

4C4463000			4C7313000		4C12183000		4C20103000		5C6023000	
TDH	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY	L/MIN	L/DAY
10	66	23,760	121	43,560	200	72,000	291	104,760	260	93,600
20	65	23,400	116	41,760	183	65,880	250	90,000		
30	63	22,680	110	39,600	170	61,200	200	72,000		
40	61	21,960	105	37,800	158	56,880	165	59,400		
50	60	21,600	100	36,000	140	50,400	110	39,600		
60	59	21,240	93	33,480	125	45,000	65	23,400		
70	58	20,880	88	31,680	111	39,960				
80	56	20,160	85	30,600	100	36,000				
90	53	19,080	80	28,800	83	29,880				
100	50	18,000	75	27,000	65	23,400				
110	48	17,280	70	25,200	50	18,000				
120	45	16,200	63	22,680	33	11,880				
130	41	14,760	58	20,880	16	5,760				
140	38	13,680	53	19,080						
150	35	12,600	42	15,120						
160	33	11,880	38	13,680						
170	28	10,080	28	10,080						
180	26	9,360	24	8,640						
190	25	9,000	16	5,760						
200	23	8,280	8	2,880						
210	20	7,200								
220	16	5,760								
230	15	5,400								
240	11	3,960								
250	8	2,880								
RRP	\$11,590		\$11,590		\$11,590		\$11,590		\$11,590	

Heavy Duty
Cyclone Rated Pole
Mount Frame



Mono Crystalline
Solar Panels



ADD CABLE SET
@ RRP \$16+GST
per meter



- Dry run protection
- Bore cap or Dam float
- Easy DIY installation manual



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C7313000

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 200m
- Flow rate up to 43,560 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$11,590+GST Contact us for delivery rates

Bore part number: 4C7313000B
 Dam Floating part number: 4C7313000D
 Bore pump extra cabling: 6000B
 Dam pump extra cabling: 6000D

4C7313000

TDH	L/MIN	L/DAY
50	100	36,000
60	93	33,480
70	88	31,680
80	85	30,600
90	80	28,800
100	75	27,000
110	70	25,200
120	63	22,680
130	58	20,880
140	53	19,080
150	42	15,120
160	38	13,680
170	28	10,080
180	24	8,640
190	16	5,760
200	8	2,880

SOLAR PUMP SYSTEM INCLUDES:



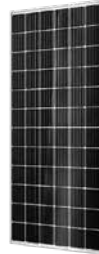
4CSS Pump, Motor, and Controller



Power, Low Water and SS Safety Cable
 Bore \$16p/m / Dam \$12p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x430w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C12183000

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 130m
- Flow rate up to 72,000 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$11,590+GST

Contact us for delivery rates

Bore part number: 4C12183000B
 Dam Floating part number: 4C12183000D
 Bore pump extra cabling: 6000B
 Dam pump extra cabling: 6000D

4C12183000

TDH	L/MIN	L/DAY
10	200	72,000
20	183	65,880
30	170	61,200
40	158	56,880
50	140	50,400
60	125	45,000
70	111	39,960
80	100	36,000
90	83	29,880
100	65	23,400
110	50	18,000
120	33	11,880
130	16	5,760

SOLAR PUMP SYSTEM INCLUDES:



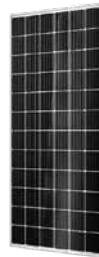
4CSS Pump, Motor, and Controller



Power, Low Water and SS Safety Cable
 Bore \$16p/m / Dam \$12p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x430w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C4463000

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 250m
- Flow rate up to 23,760 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$11,590+GST Contact us for delivery rates

Bore part number: 4C4463000B
 Dam Floating part number: 4C4463000D
 Bore pump extra cabling: 6000B
 Dam pump extra cabling: 6000D

4C4463000

TDH	L/MIN	L/DAY
100	50	18,000
110	48	17,280
120	45	16,200
130	41	14,760
140	38	13,680
150	35	12,600
160	33	11,880
170	28	10,080
180	26	9,360
190	25	9,000
200	23	8,280
210	20	7,200
220	16	5,760
230	15	5,400
240	11	3,960
250	8	2,880

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



Power, Low Water and SS Safety Cable
 Bore \$16p/m / Dam \$12p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x430w 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
 \$275+GST



Double acting float valve
 For use with Pressure Switch - \$275+GST



Anode
 \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 4C20103000

4" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 60m
- Flow rate up to 104,760 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$11,590+GST Contact us for delivery rates

Bore part number: 4C20103000B
Dam Floating part number: 4C20103000D
Bore pump extra cabling: 6000B
Dam pump extra cabling: 6000D



4C20103000

TDH	L/MIN	L/DAY
10	291	104,760
20	250	90,000
30	200	72,000
40	165	59,400
50	110	39,600
60	65	23,400

SOLAR PUMP SYSTEM INCLUDES:



4CSS Pump, Motor, and Controller



Power, Low Water and SS Safety Cable
Bore \$16p/m / Dam \$12p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x430w 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 \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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



WATERBOY

FAIR DINKUM SOLAR PUMPS



WATERBOY 5C6023000 5" Centrifugal Solar Pumping System

FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 10m
- Flow rate up to 93,600 L/day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

\$11,590+GST Contact us for delivery rates

Bore part number: 5C6023000B
Dam Floating part number: 5C6023000D
Bore pump extra cabling: 6000B
Dam pump extra cabling: 6000D



5C6023000

TDH	L/MIN	L/DAY
10	260	93,600

SOLAR PUMP SYSTEM INCLUDES:



5CSS Pump, Motor, and Controller



Power, Low Water and SS Safety Cable
Bore \$16p/m / Dam \$12p/m



Heavy Duty Cyclone Rated Pole Mount Frame



8x430w 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
- 6016 - Sacrificial anode 1½"



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



Pressure Switch 12 bar inc gauge & fittings \$275+GST



Double acting float valve For use with Pressure Switch - \$275+GST



Anode \$120+GST



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

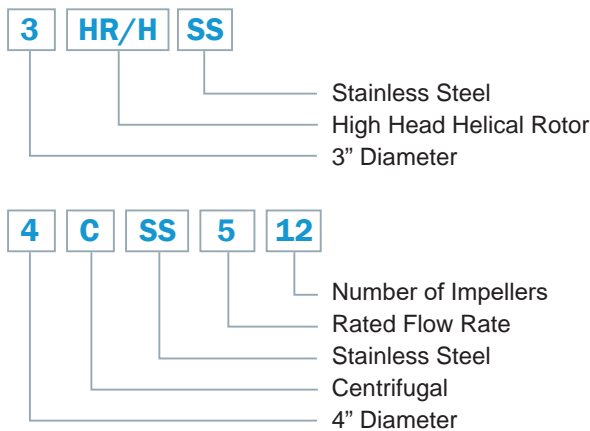


WATERBOY
FAIR DINKUM SOLAR PUMPS

SOLAR DC DRIVE PACKS

Pump motor and controller only

Does not include solar panels or framing



These drive packs are used to make our complete systems, ie:

- 3HR200 utilises 3HRSS drivepack
- 3HRH400 uses the 3HRSS-H drivepack
- 4C782200 uses the 4CSS7-8 drive pack





WATERBOY

FAIR DINKUM SOLAR PUMPS



FEATURES

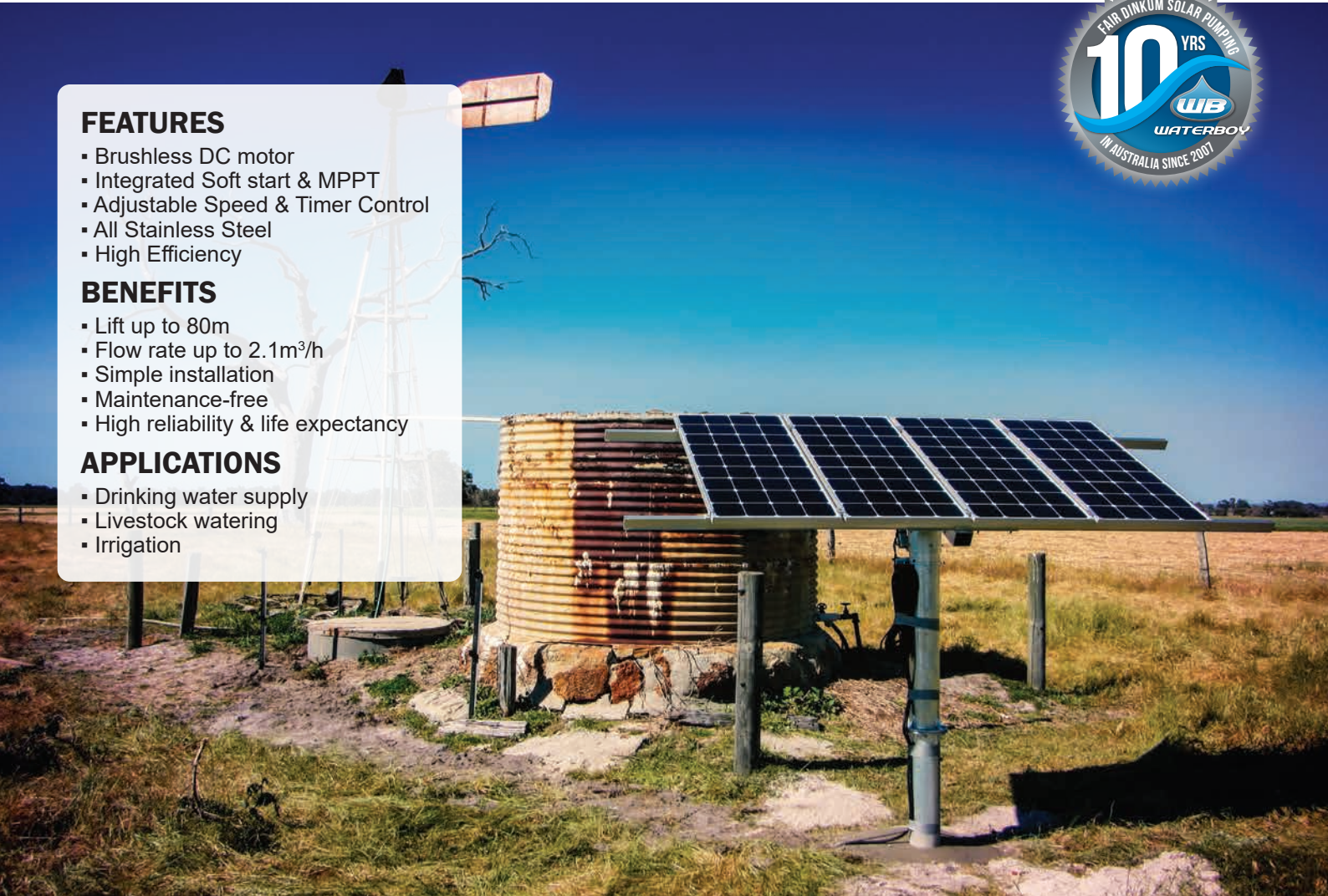
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 80m
- Flow rate up to 2.1m³/h
- Simple installation
- Maintenance-free
- High reliability & life expectancy

APPLICATIONS

- Drinking water supply
- Livestock watering
- Irrigation



3" Helical Rotor Drive Packs



3HRSS

3" helical rotor submersible drive pack inc 210w motor, controller, spare helical rotor and 3m motor lead.

\$1,753+GST

3HRSS-H

3" helical rotor submersible drive pack inc 500w motor, controller, spare helical rotor and 3m motor lead.

\$2,026+GST

3HRSS-35

3" helical rotor submersible drive pack inc 210w motor, controller, spare helical rotor and pump fitted with 35m power cable.

\$1,935+GST

3HRSS-H-40

3" helical rotor submersible drive pack inc 500w motor, controller, spare helical rotor and pump fitted with 40m power cable.

\$2,205+GST

3HRSS-35 1x330w

TDH	L/MIN	L/DAY
5	16	5,760
10	16	5,760
15	15	5,400
20	15	5,400
25	14	5,040
30	13	4,680
40	11	3,960

3HRSS-H-40 2x330w

TDH	L/MIN	L/DAY
10	27	9,720
20	25	9,000
30	24	8,640
40	22	7,920
50	19	6,840
60	17	6,120
70	15	5,400
80	11	3,960

*** Does not include solar panels***



WATERBOY

FAIR DINKUM SOLAR PUMPS



FEATURES

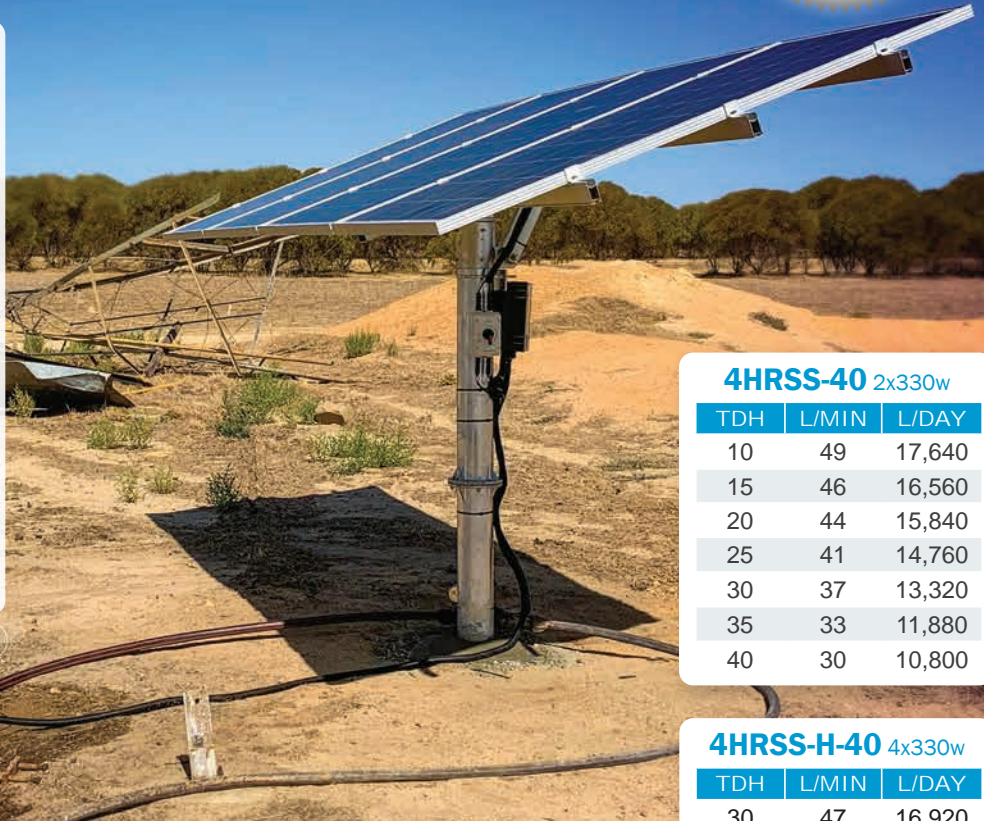
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 140m
- Flow rate up to 3.6m³/h
- Simple installation
- Maintenance-free
- High reliability & life expectancy

APPLICATIONS

- Drinking water supply
- Livestock watering
- Irrigation



4HRSS-40 2x330w

TDH	L/MIN	L/DAY
10	49	17,640
15	46	16,560
20	44	15,840
25	41	14,760
30	37	13,320
35	33	11,880
40	30	10,800

4HRSS-H-40 4x330w

TDH	L/MIN	L/DAY
30	47	16,920
40	46	16,560
50	44	15,840
60	42	15,120
70	39	14,040
80	36	12,960
90	33	11,880
100	28	10,080
110	25	9,000
120	20	7,200

4HRSS-H-40 8x330w

TDH	L/MIN	L/DAY
40	60	21,600
50	55	19,800
60	50	18,000
70	45	16,200
80	40	14,400
90	38	13,680
100	34	12,240
110	30	10,800
120	27	9,720
130	23	8,280
140	19	6,840

4" Helical Rotor Drive Packs



4HRSS

4" helical rotor submersible drive pack inc 500w motor, controller, spare helical rotor and 3m motor lead.

\$2,195+GST

4HRSS-H

4" helical rotor submersible drive pack inc 1000w motor, controller, spare helical rotor and 3m motor lead.

\$2,535+GST

4HRSS-40

4" helical rotor submersible drive pack inc 500w motor, controller, spare helical rotor and pump fitted with 40m power cable.

\$2,384+GST

4HRSS-H-40

4" helical rotor submersible drive pack inc 1000w motor, controller, spare helical rotor and pump fitted with 40m power cable.

\$2,856+GST

*** Does not include solar panels***



WATERBOY

FAIR DINKUM SOLAR PUMPS



FEATURES

- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 90m
- Flow rate up to 93,600 L/Day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

APPLICATIONS

- Drinking water supply
- Livestock watering
- Irrigation



Centrifugal (C) Drive Packs

4CSS 5-12 8x330w

TDH	L/MIN	L/DAY
10	80	28,800
20	75	27,000
30	70	25,200
40	63	22,680
50	57	20,520
60	50	18,000
70	40	14,400
80	32	11,520
90	26	9,360

4CSS 4-8

4" C submersible drive pack including 500w motor and controller, Max 100 Voc.

\$2,245+GST

4CSS 5-12

4" C submersible drive pack including 1000w motor and controller, Max 200 Voc.

\$2,735+GST

4CSS 7-8

4" C submersible drive pack including 1000w motor and controller, Max 200 Voc.

\$2,735+GST

4CSS 12-6

4" C submersible drive pack including 1000w motor and controller, Max 200 Voc.

\$2,840+GST

5CSS 28-2

5" C submersible drive pack including 1000w motor and controller, Max 200 Voc.

\$2,960+GST

4CSS 4-8 4x105w

TDH	L/MIN	L/DAY
5	42	15,120
10	41	14,760
15	34	12,240
20	28	10,080

4CSS 7-8 8x330w

TDH	L/MIN	L/DAY
10	130	46,800
20	120	43,200
30	100	36,000
40	90	32,400
50	80	28,800
60	70	25,200

4CSS 12-6 8x330w

TDH	L/MIN	L/DAY
10	200	72,000
20	160	57,600
30	120	43,200
40	90	32,400

5CSS 28-2 8x330w

TDH	L/MIN	L/DAY
10	260	93,600



*** Does not include solar panels***



WATERBOY

FAIR DINKUM SOLAR PUMPS



FEATURES

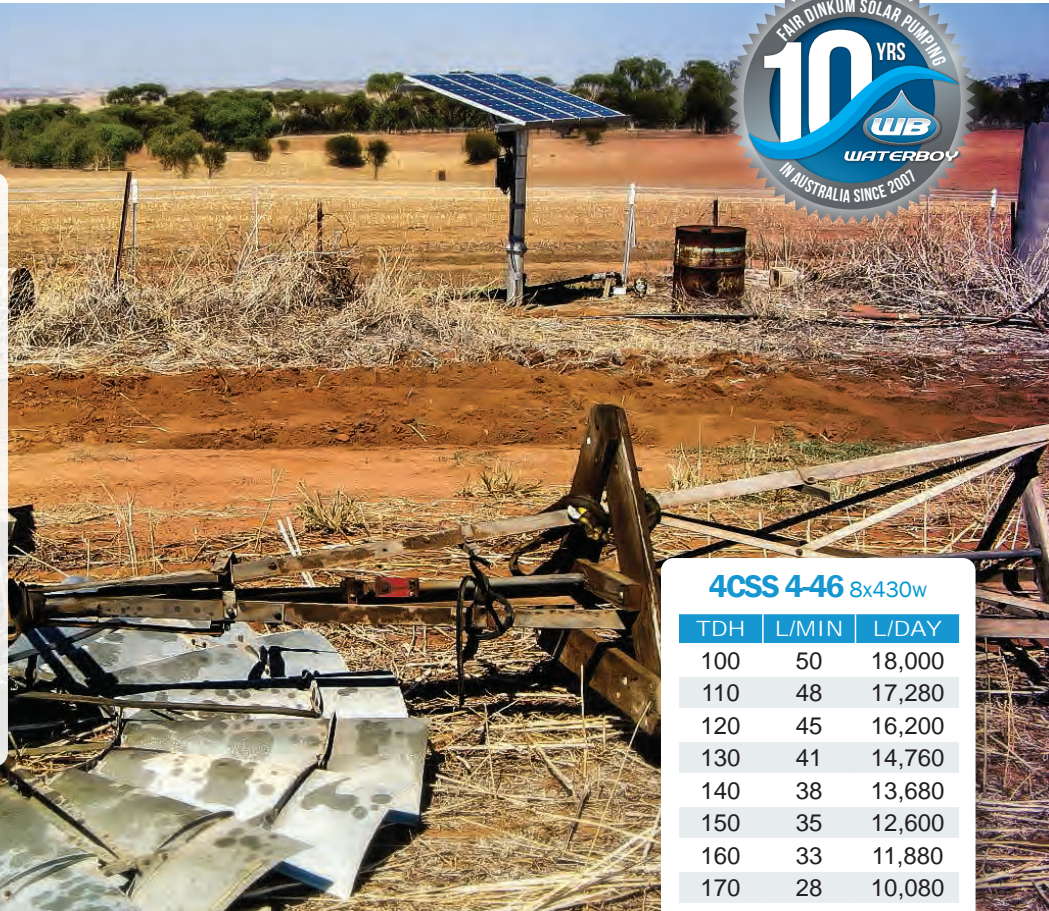
- Brushless DC motor
- Integrated Soft start & MPPT
- Adjustable Speed & Timer Control
- All Stainless Steel
- High Efficiency

BENEFITS

- Lift up to 250m
- Flow rate up to 104,760 L/Day
- Simple installation
- Maintenance-free
- High reliability & life expectancy

APPLICATIONS

- Drinking water supply
- Livestock watering
- Irrigation



3kw Centrifugal (C) Drive Packs



4CSS 12-18

4" C submersible drive pack including 3000w motor and controller, Max 450 Voc.

\$3,690+GST

4CSS 20-10

4" C submersible drive pack including 3000w motor and controller, Max 450 Voc.

\$3,690+GST

4CSS 4-46

4" C submersible drive pack including 3000w motor and controller, Max 450 Voc.

\$3,690+GST

4CSS 7-31

4" C submersible drive pack including 3000w motor and controller, Max 450 Voc.

\$3,690+GST

4CSS 12-18 8x430w

TDH	L/MIN	L/DAY
10	200	72,000
20	183	65,880
30	170	61,200
40	158	56,880
50	140	50,400
60	125	45,000
70	111	39,960
80	100	36,000
90	83	29,880
100	65	23,400
110	50	18,000
120	33	11,880
130	16	5,760

4CSS 4-46 8x430w

TDH	L/MIN	L/DAY
100	50	18,000
110	48	17,280
120	45	16,200
130	41	14,760
140	38	13,680
150	35	12,600
160	33	11,880
170	28	10,080
180	26	9,360
190	25	9,000
200	23	8,280
210	20	7,200
220	16	5,760
230	15	5,400
240	11	3,960
250	8	2,880

4CSS 7-31 8x430w

TDH	L/MIN	L/DAY
50	100	36,000
60	93	33,480
70	88	31,680
80	85	30,600
90	80	28,800
100	75	27,000
110	70	25,200
120	63	22,680
130	58	20,880
140	53	19,080
150	42	15,120
160	38	13,680
170	28	10,080
180	24	8,640
190	16	5,760
200	8	2,880

4CSS 20-10 8x430w

TDH	L/MIN	L/DAY
10	291	104,760
20	250	90,000
30	200	72,000
40	165	59,400
50	110	39,600
60	65	23,400

*** Does not include solar panels***



WATERBOY

FAIR DINKUM SOLAR PUMPS



Solar Surface Pump Drive Packs



WATERBOY SSP1500
1.5kW Solar Pool Pump
Pump, Motor & Controller

\$2,257+GST

BENEFITS

- Zero energy costs provide a very fast return on Investment.
- Longer life expectancy than standard AC motors.
- Quiet and efficient.
- Proven in service record.
- Fast and simple installation, direct replacement for an existing pool pump.
- Smart modular design for simple and cost effective servicing & repair.
- Maintenance-free.
- High reliability & life expectancy.
- 2-year warranty

FEATURES

Voltage: 110V DC operation
Power: 1500W 3 phase DC motor
Max Voltage: 200VDC
Max Flow Rate: 30m³/h / 180,000 L/day
Max Water Temp: 45°C
Solar operation: 2000-2500W
Max Head: 15m
Inlet/Outlet: 3" x 3"

PERFORMANCE

M	L/MIN	L/DAY
2	500	180,000
5	440	158,400
10	300	108,000
15	180	64,800



WATERBOY SSC3
500W Surface Pump
Pump, Motor & Controller

\$1,740+GST

BENEFITS

- Zero energy costs provide a very fast return on Investment.
- Quiet and efficient.
- Smart modular design for simple and cost effective servicing & repair.
- Maintenance-free.
- High reliability & life expectancy.
- 2-year warranty

FEATURES

Voltage: 48V DC operation
Power: 500W 3 phase DC motor
Max Voltage: 100VDC
Max Flow Rate: 3m³/h / 18,000 L/day
Max Water Temp: 45°C
Solar operation: 500 - 800W
Max Lift: up to 40m
Max Head: 15m
Inlet/Outlet: 1" x 1"

PERFORMANCE (2X330W)

M	L/MIN	L/DAY
5	45	16,200
10	40	14,400
15	33	11,880
20	25	9,000
30	15	5,400
40	10	3,600

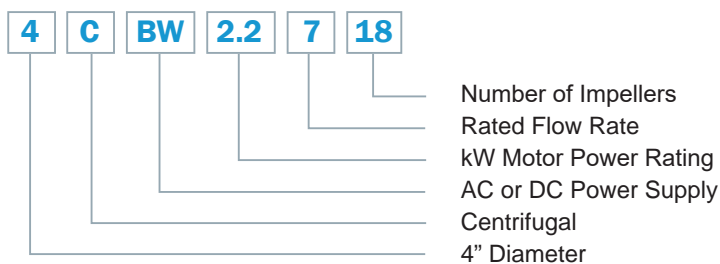


WATERBOY
FAIR DINKUM SOLAR PUMPS

SOLAR OR 240V AC/DC DRIVE PACKS

Pump AC/DC motor and switch only

Does not include solar panels or framing





WATERBOY

FAIR DINKUM SOLAR PUMPS



4" AC/DC Submersible Pump 4CBW2.2-7-18

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 efficiency more than 99%.
- PFC (Power Factor Correction) function for AC can increase power factor over 0.99.

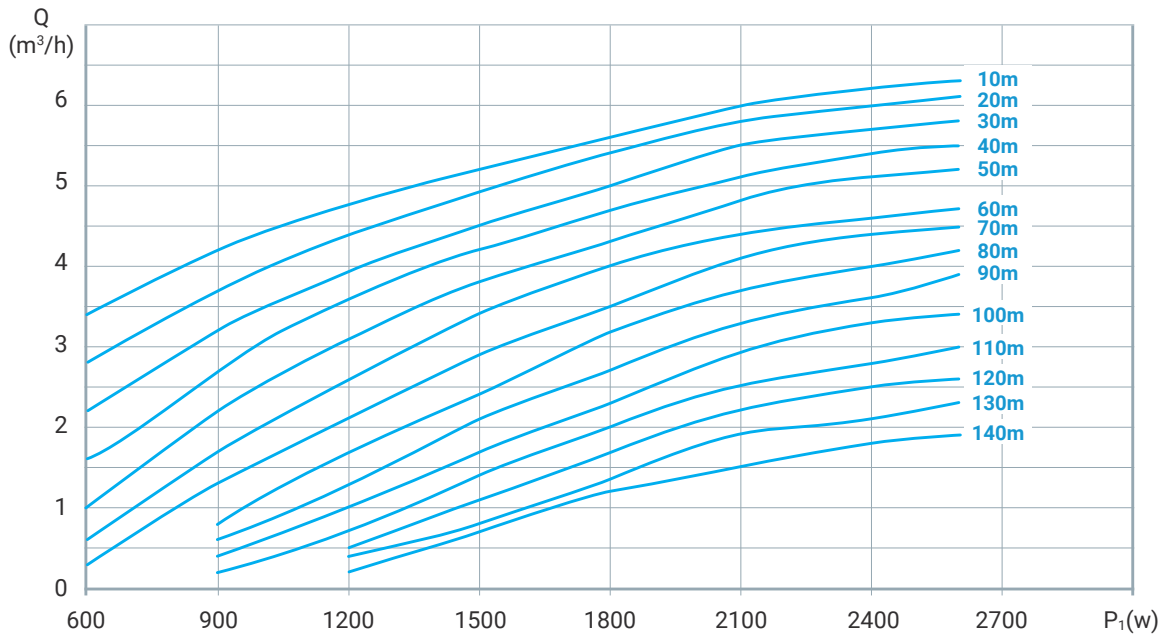
- No-load protection.
- Reverse protection.
- Over load/under load protection.
- Over temperature protection.
- Over-current protection.
- Over-voltage protection.
- Phase lack protection.
- Locked rotor protection.

BENEFITS

- Long life expectancy.
- Designed for use in remote & harsh Australian conditions.
- High efficiency .
- Fast & simple installation.
- Cost effective spare parts philosophy.



Model	Voltage (V)	Power (kW / HP)	Max Flow Rate (m ³ /h)	Max Head (m)	Outlet Size (In)	Diameter (In)
4CBW2.2-7-18	DC: 60-380V AC: 90-240V/50Hz, 60Hz	2.2 / 3.0	6.5	140	2"	4"



ELECTRICAL PARAMETERS

Power:	550w - 3000w
Current Range:	1.5-14A
Speed Range:	Max 3600 RPM
Insulation Class:	F
Protection Class:	IP 68
Maximum input voltage of the solar panel:	No more than 450Voc
Solar panel connection:	All in series

\$3,550+GST

Includes AC/DC Switch The pump has an external switch where AC power, DC power and pump can be connected to the switch and make automatic conversion. Water level sensor contacts to sense the water level and control the pump automatically.



WATERBOY

FAIR DINKUM SOLAR PUMPS



4" AC/DC Submersible Pump 4CBW2.2-14-12

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 efficiency more than 99%.
- PFC (Power Factor Correction) function for AC can increase power factor over 0.99.

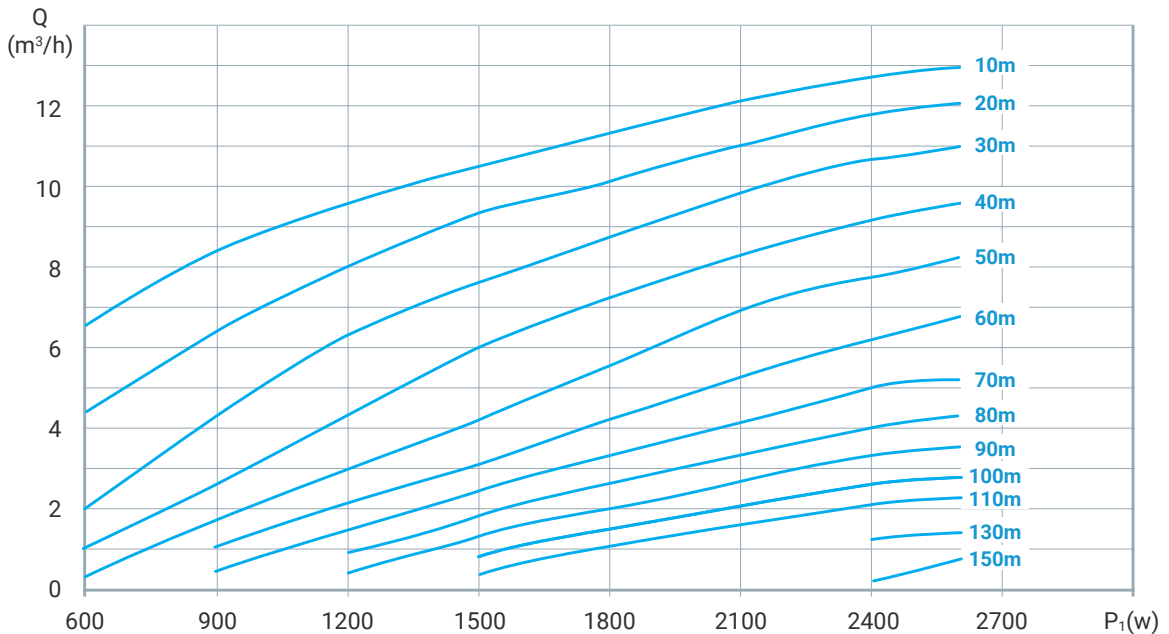
- No-load protection.
- Reverse protection.
- Over load/under load protection.
- Over temperature protection.
- Over-current protection.
- Over-voltage protection.
- Phase lack protection.
- Locked rotor protection.

BENEFITS

- Long life expectancy.
- Designed for use in remote & harsh Australian conditions.
- High efficiency .
- Fast & simple installation.
- Cost effective spare parts philosophy.



Model	Voltage (V)	Power (kW / HP)	Max Flow Rate (m ³ /h)	Max Head (m)	Outlet Size (In)	Diameter (In)
4CBW2.2-14-12	DC: 60-380V AC: 90-240V/50Hz, 60Hz	2.2 / 3.0	14	165	2"	4"



ELECTRICAL PARAMETERS

Power:	550w - 3000w
Current Range:	1.5-14A
Speed Range:	Max 3600 RPM
Insulation Class:	F
Protection Class:	IP 68
Maximum input voltage of the solar panel:	No more than 450Voc
Solar panel connection:	All in series

\$3,550+GST

Includes AC/DC Switch The pump has an external switch where AC power, DC power and pump can be connected to the switch and make automatic conversion. Water level sensor contacts to sense the water level and control the pump automatically.



WATERBOY

FAIR DINKUM SOLAR PUMPS



4" AC/DC Submersible Pump 4CBW2.2-19-17

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 efficiency more than 99%.
- PFC (Power Factor Correction) function for AC can increase power factor over 0.99.

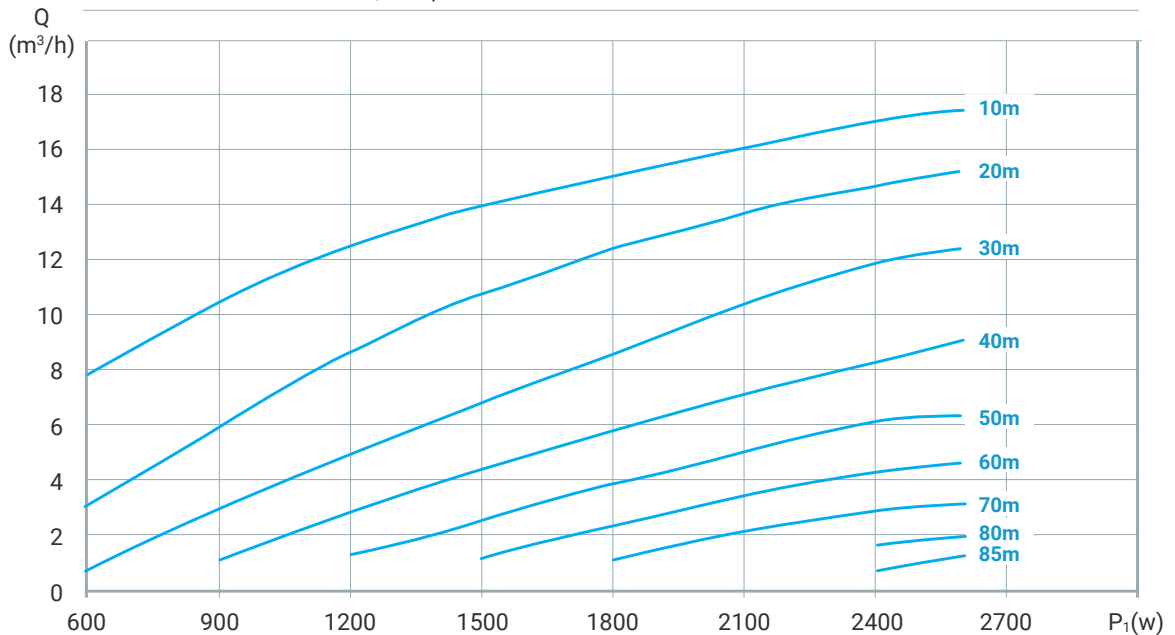
- No-load protection.
- Reverse protection.
- Over load/under load protection.
- Over temperature protection.
- Over-current protection.
- Over-voltage protection.
- Phase lack protection.
- Locked rotor protection.

BENEFITS

- Long life expectancy.
- Designed for use in remote & harsh Australian conditions.
- High efficiency .
- Fast & simple installation.
- Cost effective spare parts philosophy.



Model	Voltage	Power		Max Flow Rate (m ³ /h)	Max Head (m)	Outlet Size (In)	Diameter (In)
	(V)	kW	HP				
4CBW2.2-19-17	DC: 60-380V AC: 90-240V/50Hz, 60Hz	2.2	3.0	19	90	2"	4"



ELECTRICAL PARAMETERS

Power:	550w - 3000w
Current Range:	1.5-14A
Speed Range:	Max 3600 RPM
Insulation Class:	F
Protection Class:	IP 68
Maximum input voltage of the solar panel:	No more than 450Voc
Solar panel connection:	All in series

\$3,550+GST

Includes AC/DC Switch The pump has an external switch where AC power, DC power and pump can be connected to the switch and make automatic conversion. Water level sensor contacts to sense the water level and control the pump automatically.



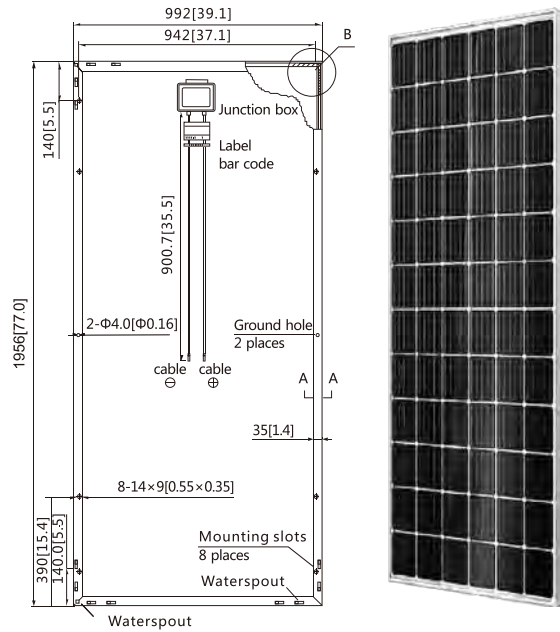
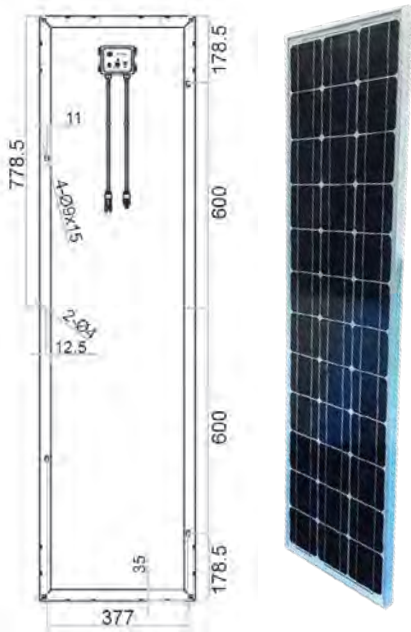
WATERBOY
FAIR DINKUM SOLAR PUMPS

SOLAR PANELS SOLAR ARRAY FRAMES & SPARE PARTS





Monocrystalline Solar Panels



WB105M - \$286+GST

WB340M - \$550+GST

FEATURES

- 15.75% Maximum Module Efficiency
- 3 Years Limited Product Warranty
- 20 Years Performance Warranty

FEATURES

- 19.32% Maximum Module Efficiency
- 12 Years Limited Product Warranty
- 25 Years Performance Warranty

BENEFITS

- Performs under low light conditions
- Reliable High-Grade Materials
- Smart-Ready Design For Easy Upgrades

BENEFITS

- Performs under low light conditions
- Reliable High-Grade Materials
- Smart-Ready Design For Easy Upgrades

PERFORMANCE

Max Power	P_{max}	105W
Max Power Tolerance	ΔP_{max}	0~+3%
Max Power Voltage	V_{mpp}	17.5V
Max Power Current	I_{mpp}	6.0A
Open-Circuit Voltage	V_{oc}	22.0V
Short-Circuit Current	I_{sc}	6.45A
Module Efficiency	Eff.	15.75%

PERFORMANCE

Max Power	P_{max}	340W
Max Power Tolerance	ΔP_{max}	0~+5%
Max Power Voltage	V_{mpp}	38.77V
Max Power Current	I_{mpp}	8.77A
Open-Circuit Voltage	V_{oc}	46.91V
Short-Circuit Current	I_{sc}	9.45A
Module Efficiency	Eff.	17.52%

WARRANTY

3 years Warranty.
 Performance guarantee: 10 years (90% power output)
 20 years (80% power output)
 Details according to warranty issued by BW Solar.

WARRANTY

12 years Warranty.
 Performance guarantee: 25 years
 Details according to warranty issued by BW Solar.



WATERBOY FAIR DINKUM SOLAR PUMPS



Solar Array Frames

OVERVIEW

The WATERBOY fixed solar arrays have been designed to work with the WATERBOY range of solar pump systems and solar panels.

The heavy duty cyclone rated, hot galvanised, steel mounting posts have upper and lower sections which bolt together. This increases portability and ease of installation.

The angle of the solar array can be adjusted in 5 steps between 10° and 50°.

FEATURES

- Cyclone rated
- Aluminium Components are 6005 - T5
- Steel components are Q235 and are hot dipped gavanised
- Bolts are SS304
- Adjustable angle of array in 5 steps between 10° and 50°
- Clamps compatible with most 35mm solar modules

WARRANTY

Three years manufacturer's warranty against defects in material and workmanship, from date of installation.



WATERBOY Mini

**2.3m wide
(4x105w or 2x340w panels)**

The Mini fixed array will hold up to 4 x 105w or 2 x 340w solar panels with a total of 2.39m wide. Mounting clamps are suitable for panels that are 35mm thick.

\$1,155+GST

Part number: WB-Mini

WATERBOY Midi

**4.4m wide
(4x340w panels)**

The Midi fixed array will hold up to 4 x 340w solar panels with a total of 4.4m wide. Mounting clamps are suitable for panels that are 35mm thick.

\$1,672+GST

Part number: WB-Midi

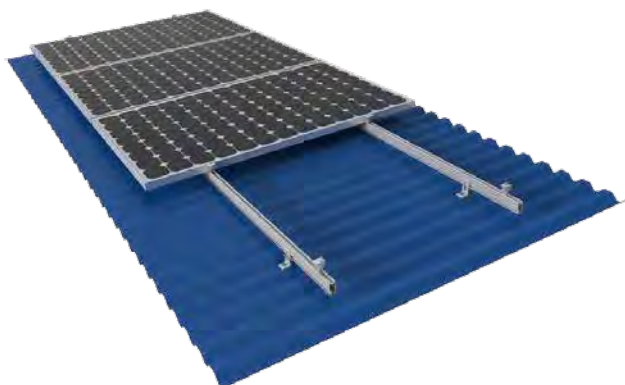
WATERBOY Maxi

**4m high x 4.4m wide
(8x340w or 8x430w panels)**

The Maxi fixed array will hold up to 8 panels with 2 strings of 4 @ 4.4m wide and 4m high. Mounting clamps are suitable for panels that are 35mm thick.

\$2,530+GST

Part number: WB-MaxiXL



WATERBOY Tin Roof Mount

4.4m wide (4x340w panels)

The Tin roof mount kit will hold up to 4 x 340w solar panels with a total of 4.4m wide. Mounting clamps are suitable for panels that are 35mm thick.

\$300+GST

Part number: RMKIT



WATERBOY

FAIR DINKUM SOLAR PUMPS



Solar Pump Controllers



PC500



24 – 48V nominal, Max 100V DC pump controller suitable for use with 3HRSS, 3HRSS-H, 4HRSS & 4CSS4-8 pumps.

\$1,008+GST

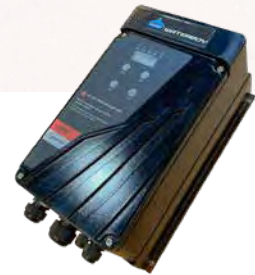
PC1000



96 – 110V nominal, Max 200V DC pump controller suitable for use with 4HRSS-H and 1000w centrifugal pumps.

\$1,210+GST

PC3000



300V nominal, Max 450V DC pump controller suitable for use with 3000w centrifugal pumps.

\$1,760+GST

ACDC SWITCH SW0023

90 – 240V AC
60 – 380V DC
MAX 450V DC / 240V AC



\$855+GST

PCB500

24 – 48V nominal,
Max 100V DC



\$892+GST

PCB1000

96 – 110V nominal,
Max 200V DC



\$1,105+GST



WATERBOY

FAIR DINKUM SOLAR PUMPS



Pumps & Motors

HELICAL ROTOR PUMPS & MOTORS



2HRSS
370W 36V DC
Motor Only

\$915 +GST

Part No. 237048



3HRSS
210W 36V DC
Motor Only

\$960 +GST

Part No. 321048



3HRSS-H
500W 48V DC
Motor Only

\$1,008 +GST

Part No. 350048



4HRSS
500W 48V DC
Motor Only

\$1,029 +GST


Part No. 450048



4HRSS-H
1000W 110V
Motor Only

\$1,135 +GST

Part No. 4100110



2HRSS
370W 2" HR 36V DC
Submersible Pump & Motor

\$1,290 +GST

Part No. 20370



3HRSS
210W 3" HR 36V DC
Submersible Pump & Motor

\$1,370 +GST


Part No. 30210



3HRSS-H
500W 3" HR 48V DC
Submersible Pump & Motor

\$1,548 +GST

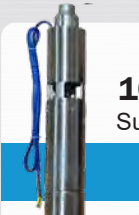
Part No. 30500



4HRSS
500W 4" HR 48V DC
Submersible Pump & Motor

\$1,548 +GST

Part No. 40500



4HRSS-H
1000W 4" HR 110V
Submersible Pump & Motor

\$1,760 +GST

Part No. 41000



3HRSS
210W
Helical Rotor Assembly

\$250 +GST

Part No. 30001



3HRSS-H
500W
Helical Rotor Assembly

\$250 +GST

Part No. 30002



4HRSS
500W
Helical Rotor Assembly

\$295 +GST

Part No. 40001



4HRSS-H
1000W
Helical Rotor Assembly

\$330 +GST

Part No. 40002



WATERBOY

FAIR DINKUM SOLAR PUMPS



Pumps & Motors

CENTRIFUGAL PUMPS & MOTORS



**500W
4" C 48V DC**
Motor Only

\$1,050 +GST

Part No. 450048C



**1000W
4" C 110V DC**
Motor Only

\$1,265 +GST

Part No. 41000110C



**3000W
4" C 330-360V DC**
Motor Only

\$1,925 +GST


Part No. 43000330C



**4CBW 2.2kW Motor
2200W 4" C AC/DC**
Motor Only

\$2,100 +GST


Part No. 4CBW2.2MO



**4CSS4-8
500W 4" C 48V DC**
Submersible Pump & Motor

\$1,750 +GST


Part No. 40548



**4CSS5-12
1000W 4" C 110V DC**
Submersible Pump & Motor

\$1,955 +GST


Part No. 41512



**4CSS7-8
1000W 4" C 110V DC**
Submersible Pump & Motor

\$1,955 +GST


Part No. 4178



**4CSS12-6
1000W 4" C 110V DC**
Submersible Pump & Motor

\$1,955 +GST


Part No. 41126



**5CSS28-2
1000W 5" C 110V DC**
Submersible Pump & Motor

\$1,955 +GST


Part No. 51282



**4CBW2.2 7-18
2200W 4" C AC/DC**
Submersible Pump & Motor

\$2,960 +GST


Part No. 4CBW718



**4CBW2.2 14-12
2200W 4" C AC/DC**
Submersible Pump & Motor

\$2,960 +GST

Part No. 4CBW1412



**4CBW2.2 19-17
2200W 4" C AC/DC**
Submersible Pump & Motor

\$2,960 +GST

Part No. 4CBW1917



**1500W Pool Pump
and Motor**
Pump & Motor Only

\$1,350 +GST

Part No. 1500PM



**500W Surface C Pump
and Motor**
Pump & Motor Only

\$1,140 +GST

Part No. SSC3PM




WATERBOY

FAIR DINKUM SOLAR PUMPS



Accessories



Aluminium Bore Cap
4" - 6"

\$70 +GST


Part No. 6055



Tank Full Switch
Including 20m Cable

\$165 +GST


Part No. 6101



Pressure Switch
N/O N/C 12 Bar Gauge & Fittings

\$275 +GST


Part No. 6045NO



Pressure Switch
N/O N/C 12 Bar

\$210 +GST


Part No. XMXA12L2135



Dam Float
Suit 3" WATERBOY Pump

\$195 +GST

Part No. 6103



Dam Float
Suit 4" WATERBOY Pump

\$380 +GST

Part No. 6104



Sacrificial Anode
3" HR

\$120 +GST


Part No. 6013



Sacrificial Anode
4" HR

\$120 +GST


Part No. 6014



Sacrificial Anode 1 1/4"
4" Centrifugal

\$120 +GST


Part No. 6015



Sacrificial Anode 1 1/2"
4" Centrifugal

\$120 +GST


Part No. 6016



1000V 32A DC Isolator
MC4 Connectors

\$160 +GST


Part No. ISOMC4



MC4 M&F Lead
2m

\$36 +GST


Part No. MC4/2M-S



MC4 Branch Connector
Positive

\$35 +GST


Part No. CA-MC4-PP



MC4 Branch Connector
Negative

\$35 +GST


Part No. CA-MC4-NS



Double Acting Float Valve
1 1/4"

\$275 +GST


Part No. 6114



Double Acting Float Valve
1 1/2"

\$275 +GST


Part No. 6112



Low Level Sensor

\$100 +GST

Part No. 1658



Low Level Sensor
Fitted with 40m Cable

\$160 +GST

Part No. 165840



WATERBOY


FAIR DINKUM SOLAR PUMPS



Accessories

CABLING (PER METER)


Add extra cabling to any package



Complete Cable Set - Bore
Power, Low Level, SS Safety Cable

\$16 +GST

Part No. 6000B



Complete Cable Set - Dam
Power and SS Safety Cable

\$12 +GST

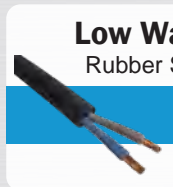
Part No. 6000D



Power Cable
Rubber Submersible 3G 4mm²

\$11 +GST

Part No. 6340



Low Water Probe Cable
Rubber Submersible 2G 1mm²

\$4 +GST


Part No. 6210



Twin Solar Cable
4mm²

\$8 +GST

Part No. 27153



Safety Cable
Stainless Steel 3mm

\$4 +GST

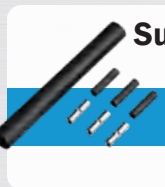
Part No. 6009



Safety Cable
Stainless steel 4mm x 40m

\$145 +GST


Part No. 600940



Submersible Cable
Splice Kit

\$40 +GST

Part No. 6024



Submersible Cable
Splice Kit - Low Level

\$25 +GST

Part No. 6025

Cable Splice & Wet Test
(No discount applies)

\$110 +GST

Part No. 6500


AC – DC POWER PACKS



600W Power Pack
240VAC to 48V DC

\$825 +GST

Part No. PP600



1200W Power Pack
240VAC to 110V DC,

\$1,640 +GST

Part No. PP1200

FAIR DINKUM SOLAR PUMPS



WATERBOY
FAIR DINKUM SOLAR PUMPS

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