

FAIR DINKUM SOLAR PUMPS



PRICE LIST

JULY 2022

PRICE LIST

All prices are exclusive of GST



PRICING

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

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.

Online sizing software available go to www.bwsolar.com.au

ACCOUNT APPLICATION

Contact accounts@bwsolar.com.au for a credit application.

PRODUCT AVAILABILITY

We try our best to have most products on the shelf however, it would help us a great deal if you could do some forward planning and order in advance whenever possible.

FREIGHT

Freight is not included in our prices

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.

We would like you to note that faulty products need to be returned to us at your cost. We will get a replacement to you at our cost if warranty approved.

MARKETING

We would appreciate any installations photos be emailed to sales@bwsolar.com.au or sent as picture message to your account manager. These pictures will be uploaded to your profile on our website and used in advertising with your permission.

33 Emerald Road, Maddington, 6109, Western Australia



PRICE LIST

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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

\$3,850

\$4,600

\$5,050

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

\$5,445

\$6,200

\$6,655

\$7,975



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

PRICE LIST

All prices are exclusive of GST



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

3HR200

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

\$3,850+GST Complete & ready to install

Bore part number: 3HR200-B35 / Dam Floating part number: 3HR200-D35

Each Waterboy solar pump system includes:



3HRSS
pump, motor,
controller

Heavy Duty
Cyclone Rated Pole
Mount Frame



2x105w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



35m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

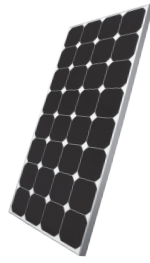
\$4,600+GST Complete & ready to install

Bore part number: 3HR300-B35 / Dam Floating part number: 3HR300-D35

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



3x105w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



35m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

3HRSS
pump, motor,
controller

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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

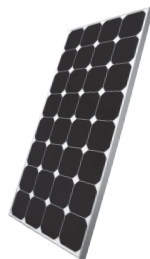
\$5,050+GST Complete & ready to install

Bore part number: 3HRH400-B40 / Dam Floating part number: 3HRH400-D40

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



4x105w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

3HRSS-H
pump, motor,
controller

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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

4HR400

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

\$5,445+GST Complete & ready to install

Bore part number: 4HR400-B40 / Dam Floating part number: 4HR400-D40

Each Waterboy solar pump system includes:



4HRSS
pump, motor,
controller

Heavy Duty
Cyclone Rated Pole
Mount Frame



4x105w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

\$6,200+GST Complete & ready to install

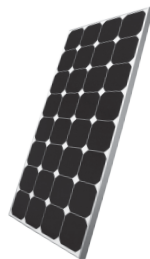
Bore part number: 4HRH800-B40 / Dam Floating part number: 4HRH800-D40

Each Waterboy solar pump system includes:



4HRSS-H
pump, motor,
controller

Heavy Duty
Cyclone Rated Pole
Mount Frame



3x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

\$6,655+GST Complete & ready to install

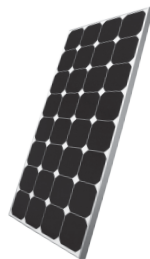
Bore part number: 4HRH1100-B40 / Dam Floating part number: 4HRH1100-D40

Each Waterboy solar pump system includes:

4HRSS-H
pump, motor,
controller



Heavy Duty
Cyclone Rated Pole
Mount Frame



4x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

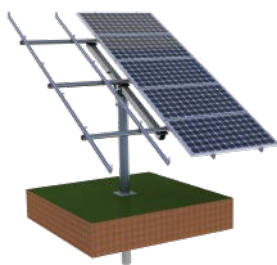
4HRH2200

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

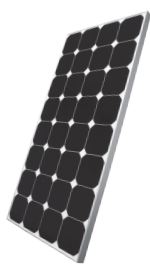
\$7,975+GST Complete & ready to install

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

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



8x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

4HRSS-H
pump, motor,
controller

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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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	\$5,865		\$7,335		\$7,335		\$7,335	

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	\$8,550		\$8,550		\$8,550		\$8,550	



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

PRICE LIST

All prices are exclusive of GST



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

4C48400

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

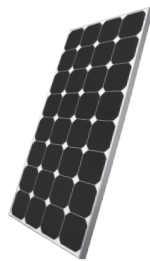
\$5,865+GST Complete & ready to install

Bore part number: 4C48400-B40 / Dam Floating part number: 4C48400-D40

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



4x105w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

4CSS4-8
pump, motor,
controller

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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

\$7,335+GST Complete & ready to install

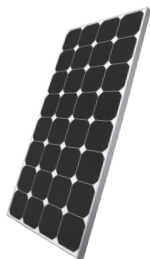
Bore part number: 4C781100-B40 / Dam Floating part number: 4C781100-D40

Each Waterboy solar pump system includes:

4CSS7-8
pump, motor,
controller



Heavy Duty
Cyclone Rated Pole
Mount Frame



4x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

\$7,335+GST Complete & ready to install

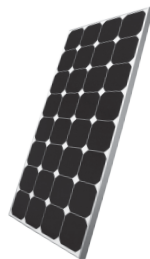
Bore part number: 4C5121100-B40 / Dam Floating part number: 4C5121100-D40

Each Waterboy solar pump system includes:



4CSS5-12
pump, motor,
controller

Heavy Duty
Cyclone Rated Pole
Mount Frame



4x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

Accessories

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



Tank full switch
inc 20m cable
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

\$7,335+GST Complete & ready to install

Bore part number: 4C1261100-B40 / Dam Floating part number: 4C1261100-D40

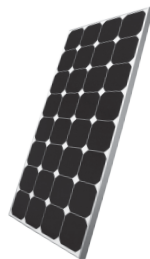
Each Waterboy solar pump system includes:



4CSS12-6
pump, motor,
controller



Heavy Duty
Cyclone Rated Pole
Mount Frame



4x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

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

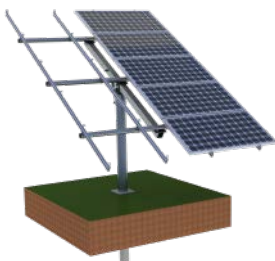
\$8,550+GST Complete & ready to install

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

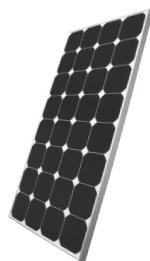
Each Waterboy solar pump system includes:



4CSS7-8
pump, motor,
controller



Heavy Duty
Cyclone Rated Pole
Mount Frame



8x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



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
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

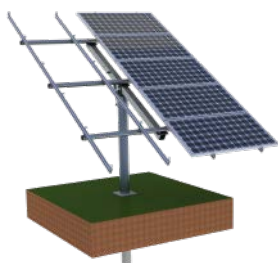
4C5122200

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

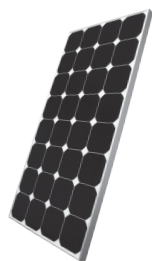
\$8,550+GST Complete & ready to install

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

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



8x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

4CSS5-12
pump, motor,
controller

Accessories

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



Tank full switch
inc 20m cable
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

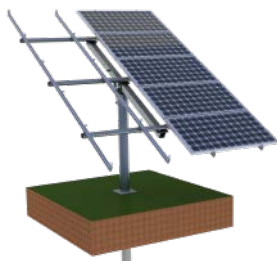
4C1262200

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

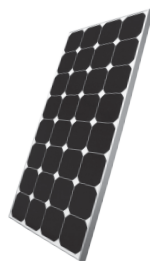
\$8,550+GST Complete & ready to install

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

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



8x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

4CSS12-6
pump, motor,
controller

Accessories

- 6101 - Tank switch
- 6045NO - Pressure switch
- 6112 - 1.5" Double acting float valve
- 6016 - Sacrificial anode 1½"



Tank full switch
inc 20m cable
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

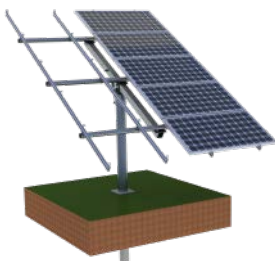
\$8,550+GST Complete & ready to install

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

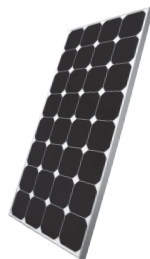
5C2822200

TDH	L/Min	L/Day
10	260	93,600

Each Waterboy solar pump system includes:



Heavy Duty
Cyclone Rated Pole
Mount Frame



8x330w
Mono Crystalline
Solar Panels



Bore Cap or
Dam Float



40m of Power Cable
low water probe &
safety cabling



Low water protection
(bore kit only)

5C28-2
pump, motor,
controller

Accessories

- 6101 - Tank switch
- 6045NO - Pressure switch
- 6112 - 1.5" Double acting float valve
- 6016 - Sacrificial anode 1½"



Tank full switch
inc 20m cable
\$150+GST



Pressure Switch
12 bar inc gauge &
fittings \$250+GST



Double acting float valve
For use with Pressure
Switch - \$250+GST



Anode
\$120+GST



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

PRICE LIST

All prices are exclusive of GST



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

4CSS 4-46-3000			4CSS 7-31-3000		4CSS 12-18-3000		4CSS 20-10-3000	
TDH	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
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	\$9,575		\$9,575		\$9,575		\$9,575	



Heavy Duty
Cyclone Rated Pole
Mount Frame



Mono Crystalline
Solar Panels



ADD CABLE SET
@ RRP \$15+GST
per meter



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

PRICE LIST

All prices are exclusive of GST



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

5CSS 30-5-3000

5CSS 40-4-3000

5CSS 60-2-3000

TDH	L/Min	L/Day	L/Min	L/Day	L/Min	L/Day
2	491	176,760	658	236,880	808	290,880
4	475	171,000	641	230,760	750	270,000
6	458	164,880	616	221,760	683	245,880
8	441	158,760	600	216,000	616	221,760
10	425	153,000	575	207,000	530	190,800
12	408	146,880	558	200,880	483	173,880
14	391	140,760	541	194,760	400	144,000
16	375	135,000	516	185,760	333	119,880
18	358	128,880	491	176,760	250	90,000
20	341	122,760	466	167,760	160	57,600
22	325	117,000	450	162,000		
24	308	110,880	425	153,000		
26	291	104,760	400	144,000		
28	275	99,000	375	135,000		
30	258	92,880	350	126,000		
32	241	86,760	325	117,000		
34	225	81,000	300	108,000		
36	208	74,880	266	95,760		
38	191	68,760	241	86,760		
40	175	63,000	208	74,880		
42	158	56,880	175	63,000		
44	141	50,760	141	50,760		
46	125	45,000	100	36,000		
48	108	38,880	66	23,760		
50	91	32,760	33	11,880		

RRP

\$9,620

\$9,620

\$9,620



Heavy Duty
Cyclone Rated Pole
Mount Frame



Mono Crystalline
Solar Panels



ADD CABLE SET
@ RRP \$15+GST
per meter



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

PRICE LIST

All prices are exclusive of GST



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" HR Drive Packs



WATERBOY solar pump systems offer state of the art solar pump technology at a very competitive price. Highly reliable and durable, WATERBOY solar pumps and controllers are backed by a 2 year warranty, designed to withstand our harsh Australian water and incorporate the best features of all the solar pumps on the market and compress all this technology into a compact, robust & highly efficient pumping system.

PUMP END

Max flow rate 2.1m³/h
Max lift 80m
Operating temperature -10°C – +35°C

MOTOR

Power rating 210w / 500w
Max submersion depth 40m
Lubrication Oil filled



3HRSS-35

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

\$1,840+GST

3HRSS-H-40

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

\$2,100+GST

3HRSS-35 1x275w

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 2x275w

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***

SOLAR PUMP CONTROLLER

Input voltage Nominal 24-48V DC
Max open circuit-100 Voc
Timer adjustment 0-30 minutes
Speed control Approx 30% flow reduction

SAND & SILT TOLERANCE

The pump (Helical Rotor) has a higher resistance to wear from sand, clay etc. than any other pump type. Continual sand and silt pumping will damage the pump. Do not use this unit to clean out dirty bores.

WARRANTY

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

PRICE LIST

All prices are exclusive of GST



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 2x275w

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 4x275w

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 8x275w

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" HR Drive Packs

WATERBOY solar pump systems offer state of the art solar pump technology at a very competitive price. Highly reliable and durable, WATERBOY solar pumps and controllers are backed by a 2 year warranty, designed to withstand our harsh Australian water and incorporate the best features of all the solar pumps on the market and compress all this technology into a compact, robust & highly efficient pumping system.

PUMP END

Max flow rate 3.6m³/h
Max lift 140m
Operating temperature -10°C – +35°C

MOTOR

Power rating 500w / 1000w
Max submersion depth 40m
Lubrication Oil filled

4HRSS-40

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

\$2,270+GST

4HRSS-H-40

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

\$2,720+GST



SOLAR PUMP CONTROLLER

Input voltage Nominal 48-96V DC
Max open circuit-200 Voc
Timer adjustment 0-30 minutes
Speed control Approx 30% flow reduction

SAND & SILT TOLERANCE

The pump (Helical Rotor) has a higher resistance to wear from sand, clay etc. than any other pump type. Continual sand and silt pumping will damage the pump. Do not use this unit to clean out dirty bores.

WARRANTY

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

*** Does not include solar panels***



WATERBOY

FAIR DINKUM SOLAR PUMPS

4" AC/DC Submersible Pump

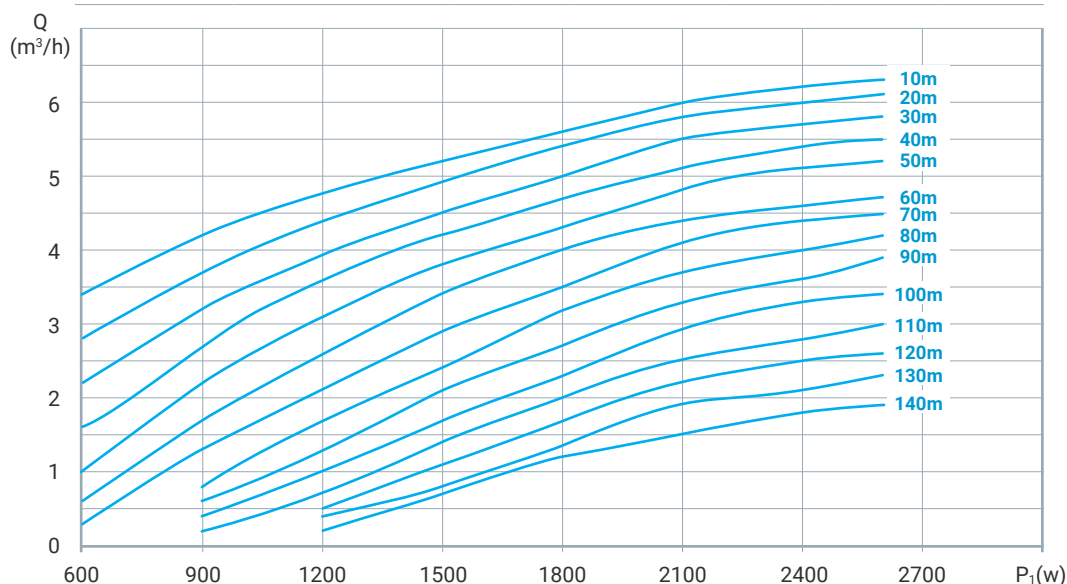
FEATURES

- 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	Max Head	Outlet Size	Diameter
	(V)	kW	HP	(m³/h)	(m)	(In)	(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:	4500rpm
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.



PRICE LIST

All prices are exclusive of GST



Drive Pack Only

Retro fitting to existing panels or couple to new panels. See pump datasheets for performance with different panel configuration's. Higher voltage gives better performance, Do NOT exceed controller voltage.

Helical Rotor (HR) Drive Pack *no splice kit or low level sensor*

2HRSS	2" HR sub drive pack inc pump, 370w motor & controller. Max 100 Voc	\$1,500
3HRSS	3" HR sub drive pack inc pump, 210w motor & controller. Max 100 Voc	\$1,670
3HRSS-H	3" HR sub drive pack inc pump, 500w motor & controller. Max 100 Voc	\$1,930
4HRSS	4" HR sub drive pack inc pump, 500w motor & controller. Max 100 Voc	\$2,090
4HRSS-H	4" HR sub drive pack inc pump, 1000w motor & controller. Max 200 Voc	\$2,415

Helical Rotor (HR) Drive Pack *including cable fitted*

3HRSS-35	3" HR sub drive pack inc pump, 210w motor & controller. 35m power cable	\$1,840
3HRSS-H-40	3" HR sub drive pack inc pump, 500w motor & controller. 40m power cable	\$2,100
4HRSS-40	4" HR sub drive pack inc pump, 500w motor & controller. 40m power cable	\$2,270
4HRSS-H-40	4" HR sub drive pack inc pump, 1000w motor & controller. 40m power cable	\$2,720

Centrifugal (C) Drive Pack *no splice kit or low level sensor*

4CSS4-8	C sub drive pack inc pump, 500w motor & controller. Max 100 Voc	\$2,245
4CSS5-12	C sub drive pack inc pump, 1000w motor & controller. Max 200 Voc	\$2,735
4CSS7-8	C sub drive pack inc pump, 1000w motor & controller. Max 200 Voc	\$2,735
4CSS12-6	C sub drive pack inc pump, 1000w motor & controller. Max 200 Voc	\$2,840
5CSS28-2	C sub drive pack inc pump, 1000w motor & controller. Max 200 Voc	\$2,960

4" 3000w Centrifugal (C) Drive Pack *no splice kit or low level sensor*

4CSS4-46	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,690
4CSS7-31	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,690
4CSS12-18	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,690
4CSS20-10	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,690

5" 3000w Centrifugal (C) Drive Pack *no splice kit or low level sensor*

5CSS30-5	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,730
5CSS40-4	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,730
5CSS60-2	C sub drive pack inc pump, 3000w motor & controller. Max 450 Voc	\$3,730

AC/DC Hybrid Drive Packs, 60-380VDC or 90-240VAC

4CBW2.2-7-18	C sub drive pack inc, pump, motor, AC/DC switch & Isolator	\$3,550
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PRICE LIST

All prices are exclusive of GST



Helical Rotor Pump and Motors

237048	370W 36V DC 2HRSS motor only	\$870
321048	210W 36V DC 3HRSS motor only	\$905
350048	500W 48V DC 3HRSS-H motor only	\$960
20370	370W 2" HR 36V DC 2HRSS submersible pump and motor	\$1,230
30210	210W 3" HR 36V DC 3HRSS submersible pump and motor	\$1,305
30500	500W 3" HR 48V DC 3HRSS-H submersible pump and motor	\$1,475
30001	210W 3HRSS helical rotor assembly	\$240
30002	500W 3HRSS-H helical rotor assembly	\$240
450048	500W 48V DC 4HRSS motor only	\$980
41000110	1000W 110V DC 4HRSS-H motor only	\$1,080
40500	500W 4" HR 48V DC 4HRSS submersible pump and motor	\$1,475
41000	1000W 4" HR 110V DC 4HRSS-H submersible pump and motor	\$1,675
40001	500W 4HRSS helical rotor assembly	\$280
40002	1000W 4HRSS-H helical rotor assembly	\$320

Centrifugal Pump and Motors

450048C	500W 4" C 48V DC motor only	\$1,050
41000110C	1000W 4" C 110V DC motor only	\$1,265
43000330C	3000W 4" C 330 – 360V DC motor only	\$1,925
40548	500W 4" C 48V DC 4CSS4-8 submersible pump & motor	\$1,750
41512	1000W 4" C 110V DC 4CSS5-12 submersible pump & motor	\$1,955
4178	1000W 4" C 110V DC 4CSS7-8 submersible pump & motor	\$1,955
41126	1000W 4" C 110V DC 4CSS12-6 submersible pump & motor	\$1,955
51282	1000W 5" C 110V DC 5CSS28-2 submersible pump & motor	\$1,955

Surface Pump Drive Packs

SSP500	Pool pump inc 500w motor, pump & controller. Max 96 Voc	\$1,520
SSP1500	Pool pump inc 1500w motor, pump & controller. Max 200 Voc	\$2,150
SSC2.2	Surface C inc pump, 210w motor & controller. Max 100 Voc	\$1,450

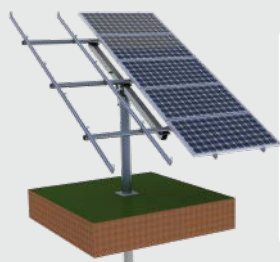
Solar Pump Controllers

PCB500	24 – 48V DC MAX 100Voc pump controller PCB	\$850
PC500	24 – 48V DC MAX 100Voc pump controller in housing	\$960
PCB1000	72-110V DC MAX 200Voc pump controller PCB	\$1,050
PC1000	72-110V DC MAX 200Voc pump controller in housing	\$1,155
PC3000	330 – 360V DC MAX 450Voc pump controller in housing	\$1,760



PRICE LIST

All prices are exclusive of GST



Pole Mount Arrays

WB-Mini	Array frame with post, rails & clamps. MAX - 4x105w modules	\$1,050
WB-Midi	Array frame with post, rails & clamps. MAX - 4x330w modules	\$1,520
WB-Maxi	Array frame with post, rails & clamps MAX - 8x330w modules	\$2,300

* Standard mid & end clamps are 35mm



Accessories

6055	4"-6" cast aluminium bore cap	\$60
6101	Tank full switch including 20m cable	\$150
6045NO	Pressure switch N/O N/C 12 bar inc gauge and fittings	\$250
XMXA12L2135	Pressure switch N/O N/C 12 BAR	\$210
6103	Dam float to suit 3" WATERBOY pump	\$195
6104	Dam float to suit 4" WATERBOY pump	\$380
6013	3" HR sacrificial anode	\$120
6014	4" HR sacrificial anode	\$120
6015	4" Centrifugal sacrificial anode 1¼"	\$120
6016	4" Centrifugal sacrificial anode 1½"	\$120
ISOMC4	1000V 32A DC isolator with MC4 connectors	\$145
MC4/2M-S	MC4 M & F 2m lead	\$33
CA-MC4-PP	MC4 Branch connector positive	\$30
CA-MC4-NS	MC4 Branch connector negative	\$30
6114	Double acting float valve 1¼"	\$250
6112	Double acting float valve 1½"	\$250
1658	Low level sensor	\$100
165840	Low level sensor fitted with 40m cable	\$160
6024	Submersible cable splice kit	\$40

AC – DC Power Packs

PP600	240VAC to 48V DC, 600W power pack	\$825
PP1200	240VAC to 110V DC, 1200W power pack	\$1,640

Cabling – per meter

Add extra cabling to any package

6000	Complete Cable set including power/low level/SS safety cable	\$15
6340	Rubber submersible power cable 3G 4mm²	\$11
6210	Rubber submersible probe cable 2G 1mm²	\$4
27153	4mm² Twin Solar Cable	\$8
6009	Safety Cable, Stainless Steel 3mm	\$4
600940	Safety cable, Stainless steel 4mm x 40m	\$130
6500	Cable splice and wet test. (No discount applies)	\$110

1300 554 307

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FAIR DINKUM SOLAR PUMPS

