



PIONEER 1-100

3" 600W AC/DC Hybrid Solar Bore Pump Kit

Reliable water, anywhere you need it.

The Pioneer 1-100 is a high performance 3" submersible solar bore pump designed for higher-pressure applications. The Pioneer is an AC/DC solar bore pump kit for deeper bores. Delivers up to 18 L/min with a maximum head of 100m.

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HIGH PERFORMANCE
Up to 18 L/min
Low yield
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DEEP BORE CAPABILITY
Up to 100 m head
Medium head
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AC/DC HYBRID
Solar or mains backup
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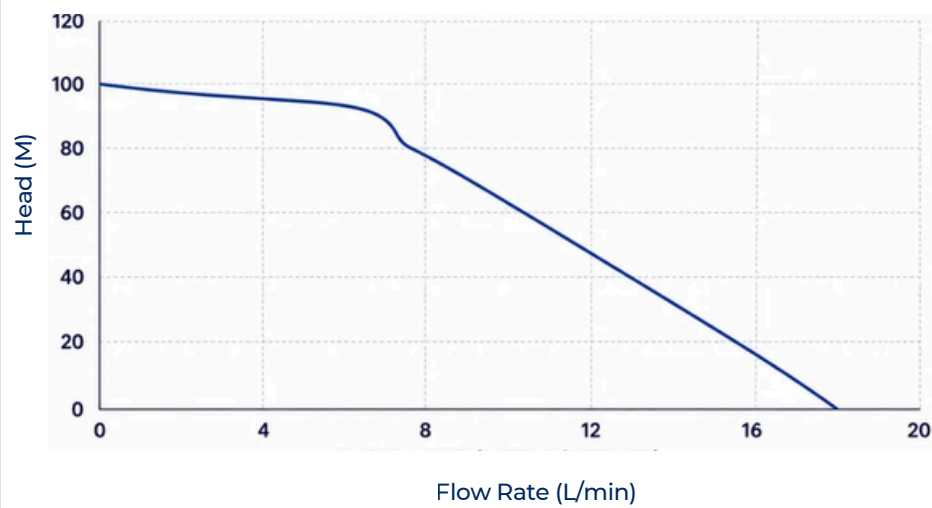
BUILT TO LAST
Stainless steel construction
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AUSTRALIAN SUPPORT
Local stock & service



PERFORMANCE CURVE

Max Head: 100 m
Max Flow: 18 L/min



SPECIFICATIONS

Model	Pioneer 1-100
SKU	OSP-PIO-X02
Pump Type	3" Submersible (Brushless DC)
Power	600 W
Max Flow	18 L/min
Max Head	100 m
Typical Flow @ 50 m	11 L/min
Voltage (DC)	40-76 V DC (Vmp)
Outlet Size	25mm (1") Male BSP
Recommended Panels	2 x 450 W (900 W Total)
Cable Length (Pump)	40 m with Plug
Cable Length (Bore Probe)	40 m
Warranty	24 months

EXPECTED PERFORMANCE

Head (m)	Flow Rate (L/min)
0	18
20	15
40	12
60	10
80	8
90	7
100	0

RECOMMENDED APPLICATIONS



Livestock watering



Light irrigation



Rural properties



Remote locations

Ideal for farms, rural properties and remote locations where a reliable and sustainable water supply is essential.



RELIABLE WATER



SUSTAINABLE POWER



AUSTRALIAN OWNED

