

## SOLARPLEX EXTEND: SPX-800-5 WITH SLX-40-HF

The SolarPlex SPX-800-5 solar surface pump powering the FlexExtend SLX-40-HF can lift water from up to 45m from wells and boreholes with a diameter of 4" or more.

### SOLUTION OVERVIEW

Head	max. 45m
Output Flow Rate	max. 4.2m <sup>3</sup> /h
Power	max. 800W

### HIGH-FLOW SURFACE LIFT EXTENDER

#### FLEXEXTEND SLX-40-HF

#### BENEFITS

- 5 year warranty
- Safe to run dry
- Sand, silt and salt tolerant
- Zero submerged electronics

#### TECHNICAL DATA

Efficiency	max. 85%
Borehole diameter	min. 4 inch
Water temperature	0°C - 45°C
Premium materials	Stainless steel AISI 304



### SURFACE DRIVE PUMP

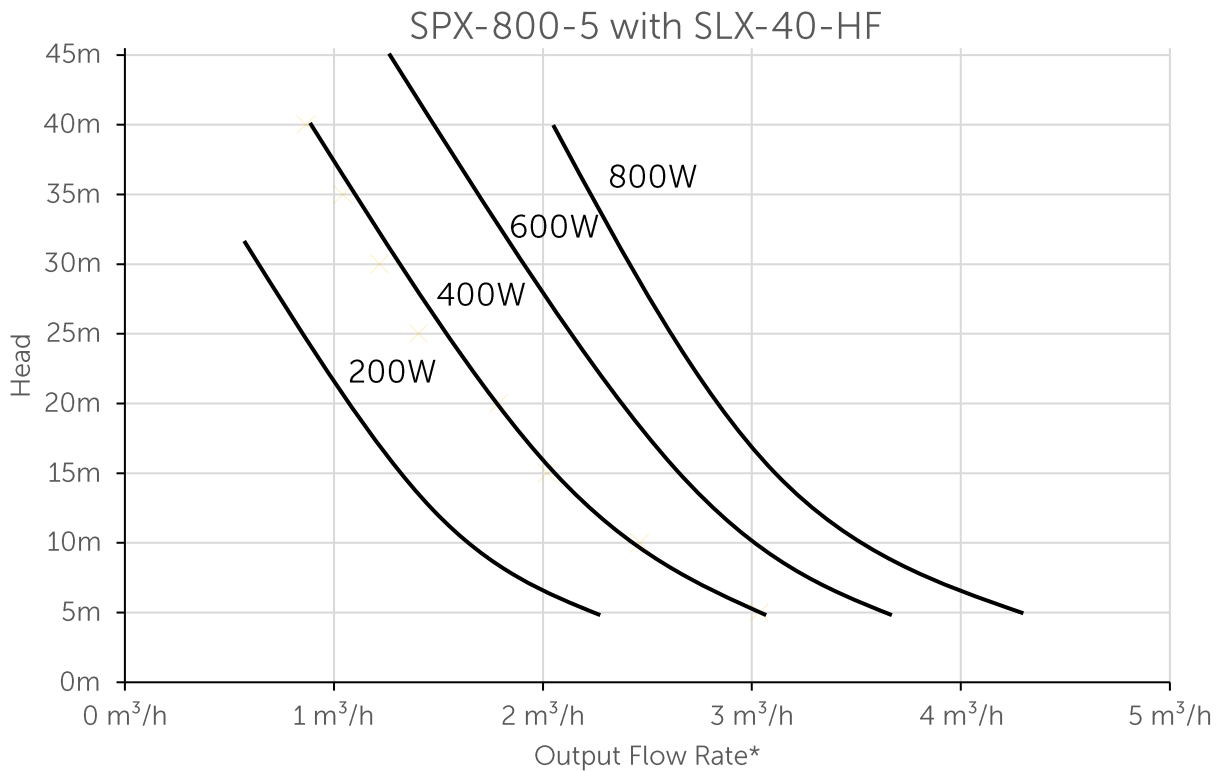
#### SOLARPLEX SPX-800-5

High-quality solar-powered horizontal multistage centrifugal surface-pump with built-in MPPT. Operates close to its Best Efficiency Point for a wide range of power inputs and pumping heads in combination with the SLX-40 range of lift extenders.



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### PUMP CHART



\* Chart reflects real-world Impact Pump data at 25°C water temperature, including losses from 40mm PN16 HDPE pipes. Performance data published by electric submersible-pump manufacturers should be corrected for pipe-flow friction and cable losses (not normally included) for comparison. These losses often reduce wire to water efficiencies by 5% or more.

### DIMENSIONS AND WEIGHTS

#### FLEXEXTEND SLX-40-HF High Flow Submersible Unit

Outside diameter	max. 96mm
Length	max. 708mm
Weight	2.8kg
Rising Main needed	PN16 HDPE 40mm

#### Box (including all surface fittings)

Dimensions	750 x 625 x 215mm
Total weight	16.2kg



#### SOLARPLEX SPX-800-5 Surface Pump

Length	380mm
Height	250mm
Width	140mm
Weight	9kg
Port size	1" BSP



Box dimensions	460 x 200 x 275mm
Total weight	12kg

All necessary parts supplied apart from the tank, pipes and 2x 1 1/4" hose tails with 1" thread for surface pump ports.