

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 ³ /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

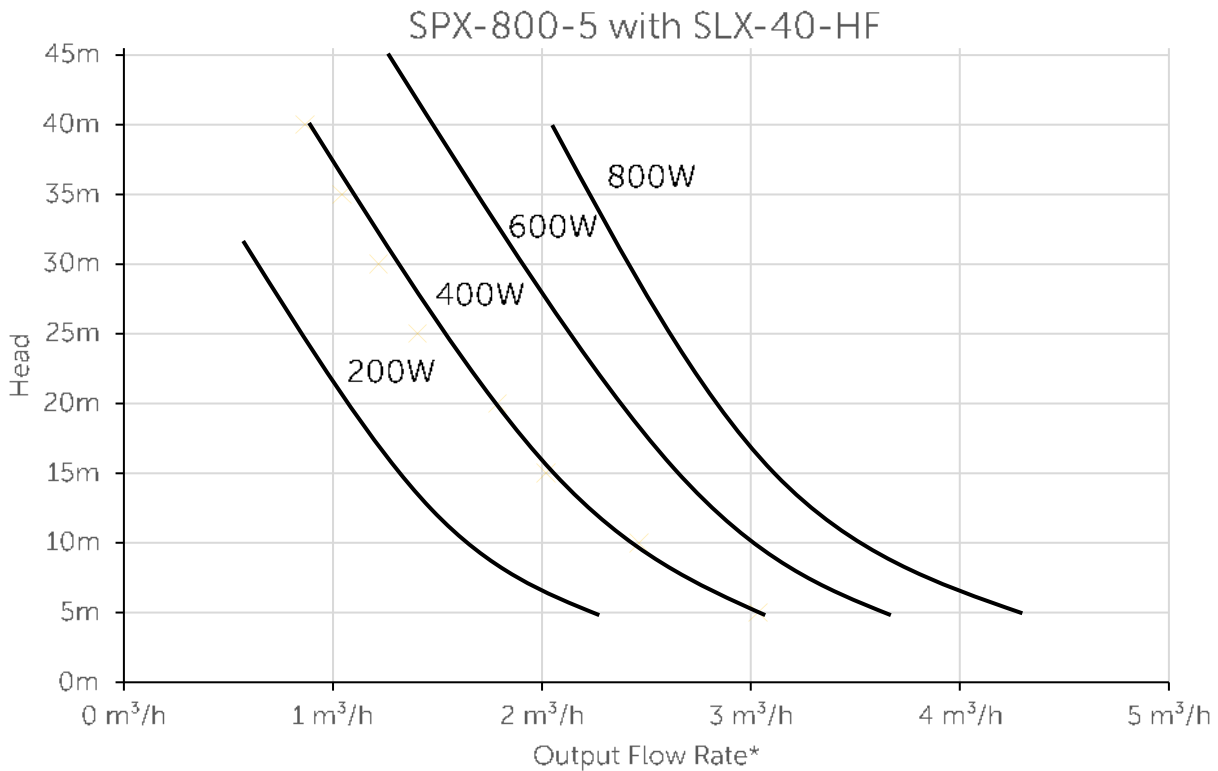
SOLARPLEX SPX-800-5

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			SOLARPLEX SPX-800-5 Surface Pump		
Outside diameter	max. 96mm		Length	380mm	
Length	max. 708mm	Height	250mm		
Weight	2.8kg	Width	140mm		
Rising Main needed	PN16 HDPE 40mm	Weight	9kg		
Box (including all surface fittings)		Port size	1" BSP		
Dimensions	750 x 625 x 215mm	Box dimensions	430 x 200 x 260mm		
Total weight	16.2kg	Total weight	12kg		

All necessary parts supplied apart from the tank, pipes and 2x 1¼" hose tails with 1" thread for surface pump ports.