

SOLARPLEX EXTEND: SPX-800-5 WITH SLX-40-S

The SolarPlex SPX-800-5 solar surface pump powering the FlexExtend SLX-40-S 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. 3m ³ /h
Power	max. 800W

SURFACE LIFT EXTENDER UNIT

FLEXEXTEND SLX-40-S

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

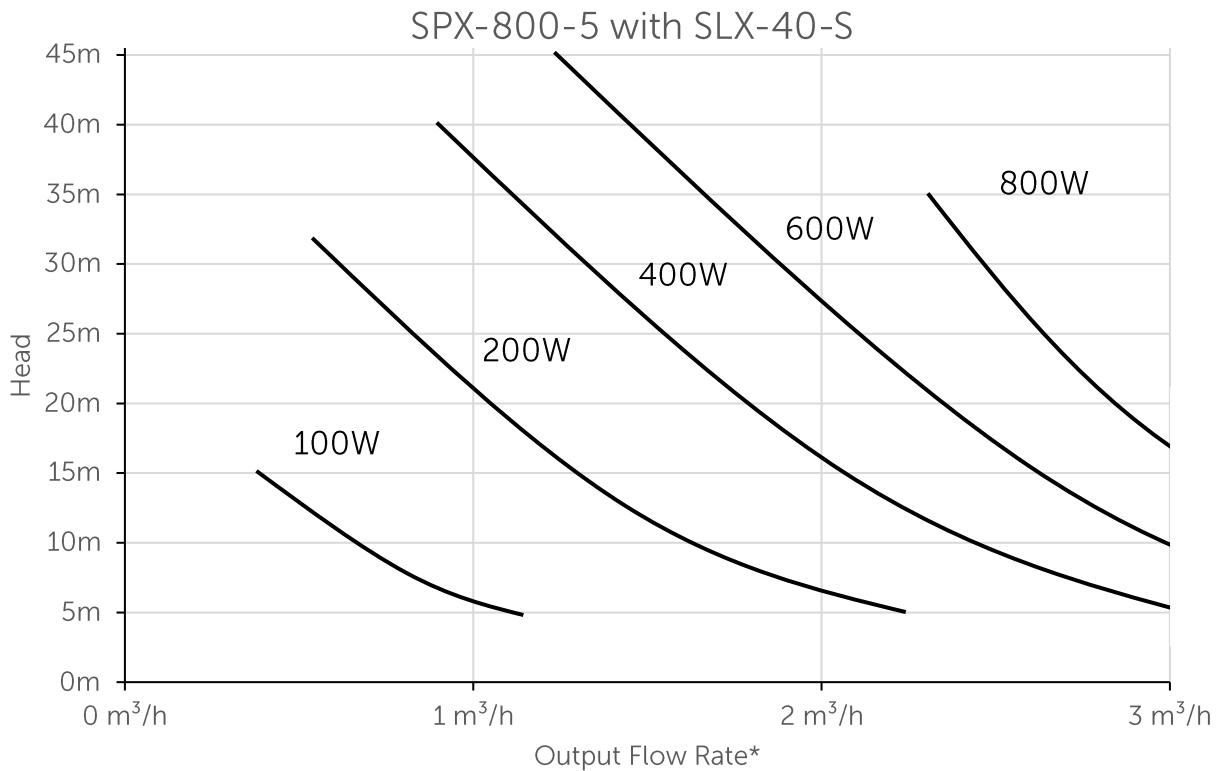
SOLARPLEX SPX-800-5

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-S 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 1 1/4" hose tails with 1" thread for surface pump ports.