PUMP SF 4"

EURONET SF SURFACE SOLAR PUMP – 4" 55m³/h

Heavy-Duty DC Engine Pump | No Controller Required



POWER	VOLTAGE
3 HP / 2.2kW	DC 180V–220V
MAX FLOW	**MAX HEAD**
55 m³/h	8 m
OUTLET	**SOLAR PANELS**
100 mm	6 × 330 W

OVERVIEW

The EURONET PUMP SF 4" is a heavy-duty DC surface solar pump for high-volume irrigation, water transfer and drainage. Its 3 HP / 2.2kW motor runs on DC 180V–220V straight from 6 × 330 W solar panels in series, with no controller needed, and it can also run directly from a battery. It delivers a maximum flow of 55 m³/h and a maximum head of 8 m through a 100 mm (4") outlet, with a working point of 40 m³/h at 5 m head. A 100% copper wire motor, brass impeller and stainless steel screws sit on a portable steel frame with carry handles.

KEY FEATURES

Direct Solar Operation
Runs straight from 6 × 330 W panels in series, with no controller; also runs from a battery

Up to 55 m³/h Max Flow
Maximum flow of 55 m³/h and maximum head of 8 m through a 100 mm (4") outlet for high-volume duty

Rated Working Point
Working head of 5 m at a working flow of 40 m³/h, with flow and head rated at typical operating pressure

100% Copper Wire Motor
Fully copper-wound 3 HP / 2.2kW motor drawing 8.5 A on DC 180V–220V for reliable, efficient output

Brass Impeller, S/S Screws
Brass impeller with stainless steel screws for long life in high-volume agricultural pumping

Heavy-Duty Portable Frame
Portable steel frame with carry handles; virtually no maintenance cost and no fuel cost

TECHNICAL NOTE

Model PUMP SF 4" (SF series). Voltage DC 180V–220V, power 3 HP / 2.2kW, current 8.5 A. Max head 8 m, max flow 55 m³/h, outlet 100 mm (4"). Working head 5 m, working flow 40 m³/h; suction 2.0 m. PV array 6 × 330 W in series, no controller required; battery operation supported. 100% copper wire motor, brass impeller, stainless steel screws, portable steel frame.

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PUMP SF 4"

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	PUMP SF 4"
Series	SF series DC surface pump
Product Type	Engine pump / self-priming
Quality System	ISO 9001:2015 certified
ELECTRICAL	
Voltage	DC 180V–220V
Power	3 HP / 2.2kW
Current	8.5 A
Controller	Not required · direct solar connection
Battery Operation	Supported · runs directly from a battery
PV ARRAY	
Solar Panels	6 × 330 W in series
HYDRAULIC PERFORMANCE	
Max Head	8 m
Max Flow	55 m³/h
Working Head	5 m
Working Flow	40 m³/h
Outlet	100 mm (4")
Suction	2.0 m

PARAMETER	SPECIFICATIONS
CONSTRUCTION	
Motor Winding	100% copper wire
Impeller	Brass
Fasteners	Stainless steel screws
Mounting	Portable steel frame with carry handles
Weight	Not available
OPERATION	
Maintenance	Virtually no maintenance cost easy to operate
Fuel Cost	None · uses free sunlight
Environment	Eco-friendly, non-polluting
APPLICATIONS	
Irrigation	Large-scale field, orchard and row-crop irrigation
Transfer	Agricultural water transfer
Distribution	Farm water distribution networks
Storage	Pond, reservoir and tank filling
Drainage	Drainage management

**Specifications are subject to change without prior notice.*

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