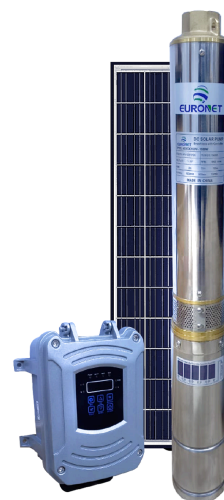


EURONET Submersible Solar Pumps

250 W – 2200 W | Heads to 200 m | DC 24 V – 280 V

EURONET Submersible Solar Pumps are DC borehole pumps driven directly by a photovoltaic array, with no mains electricity and no fuel cost. The range runs from the 250 W EU-HY3S unit up to 2200 W models in the 3-inch and 4-inch series, covering heads from 50 m to 200 m and flows to 6.5 m³/h. The rotor's self-cleaning action as it turns within the stator suits small farms, livestock watering and clean-water supply.



6 KEY HIGHLIGHTS



Runs on Free Sunlight

No mains electricity and no fuel cost — powered by the PV array.



Heads up to 200 Metres

3-inch and 4-inch series reach 200 m maximum head.



Self-Cleaning Action

The rotor cleans itself as it turns within the stator.



Wide DC Voltage Range

Models from DC 24 V to 280 V to match the array size.



Easy to Operate

Highly reliable and durable, easy to operate and maintain.



Farm & Livestock Ready

Eco-friendly supply for small farms and livestock. Clean water only.

PRODUCT RANGE



SYDC Series

DC 48 V / 110 V submersible



EU-HY3S Series

Stainless steel DC solar pump



4SYDC 150 V Set

Pump, controller & PV panel

GENERAL

Product type	DC submersible solar pump	Submersible impeller pump
Series covered	SYDC · 4SYDC · EU-HY3S · 3-inch & 4-inch	14 models in total
Power range	250 W – 2200 W	Across the full range
Supply voltage range	DC 24 V – 280 V	Model dependent
Max head range	50 m – 200 m	Model dependent
Max flow range	1.3 m³/h – 6.5 m³/h	Model dependent
Outlet sizes	25 mm · 1" · 1.25"	Model dependent

OPERATION & INSTALLATION

Power source	Photovoltaic array — direct connection	No mains electricity required
Controller	With 4SYDC 150 V and EU-HY3S models	Wiring shown on the pump label
Rotor / stator	Self-cleaning as the rotor turns in the stator	
Water quality	Clean water only	Not for abrasive or dirty water
Dry running	Do not run the pump dry	Marked on the product label
Polarity	Observe (+) and (–) when wiring	Marked on the product label
Applications	Small farms, livestock, clean-water supply	
Quality system	ISO 9001:2015 certified	TÜV Rheinland

FEATURED MODELS — SYDC SERIES

MODEL: SYDC 110V / 1-80-3-0.9-1

Voltage	DC 110 V	Power	900 W	Current	8.3 A
Outlet	25 mm	Max head	80 m	Max flow	3 m³/h

MODEL: SYDC 48V / 1-50-3-0.4-1

Voltage	DC 48 V	Power	400 W	Current	8.0 A
Outlet	25 mm	Max head	50 m	Max flow	3 m³/h

PV ARRAY — PER PRODUCT LABEL

Panels	2 × 250 W				
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MODEL: 4SYDC 150V / 1500W

Voltage	60 – 200 VDC	Power	1500 W	Speed	4000 r/min
Outlet	1.25"	Motor	Brushless	Controller	Included

PERFORMANCE — HEAD (HM) VS FLOW (QL)

At 2 m	100 l/min	At 70 m	50 l/min	At 140 m	10 l/min
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EU-HY3S STAINLESS STEEL SERIES

MODEL: EU-HY3S / 70M					
Voltage	DC 24 V	Power	250 W	Current	7.8 A
Outlet	1.25"	Max head	70 m	Max flow	1.3 m³/h
PV ARRAY — PER PRODUCT LABEL					
Panels	1 × 250 W	Via	Controller		

MODEL: EU-HY3S / 95M					
Voltage	DC 48 V	Power	400 W	Current	7.8 A
Outlet	1.25"	Max head	95 m	Max flow	1.3 m³/h
PV ARRAY — PER PRODUCT LABEL					
Panels	2 × 250 W	Via	Controller		

3-INCH SOLAR PUMP SERIES

MODEL NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
Pump 3-60M	72 V	600 W	3.5	60	1"
Pump 3-85M	144 V	1100 W	4.5	85	1"
Pump 3-110M	192 V	1500 W	4.5	110	1"
Pump 3-150M	280 V	2200 W	6.5	150	1"
Pump 3-200M	280 V	2200 W	4.5	200	1"

4-INCH SOLAR PUMP SERIES

MODEL NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
Pump 4-65M	72 V	600 W	3.5	65	1.25"
Pump 4-85M	96 V	750 W	3.5	85	1.25"
Pump 4-130M	192 V	1500 W	4.5	130	1.25"
Pump 4-190M	280 V	2200 W	4.5	190	1.25"

MODEL SELECTION BY MAXIMUM HEAD

Up to 50 m	SYDC 48V / 1-50-3-0.4-1	400 W · 3 m³/h
50 – 70 m	EU-HY3S / 70M · Pump 3-60M · Pump 4-65M	250 – 600 W
70 – 95 m	SYDC 110V · EU-HY3S / 95M · Pump 3-85M · Pump 4-85M	400 – 1100 W
95 – 130 m	Pump 3-110M · Pump 4-130M	1500 W
130 – 150 m	Pump 3-150M · 4SYDC 150V (140 m point)	1500 – 2200 W
150 – 200 m	Pump 4-190M · Pump 3-200M	2200 W

Guide only — grouped from the maximum head figures in the tables above. Select on the actual duty point (head and flow required), not on maximum head alone.