Equipment and solutions

EOS TDSOL Solar Pool Pump

Product technical datasheet

Self-priming solar pumps for pool circulation and filtration.



FT-P089 · Rev. 1

The EOS TDSOL pumps enable pool maintenance and filtration using solar energy for water circulation without electricity costs. Self-priming design allows installation above water level. Suitable for residential and commercial pools where reducing energy consumption is a priority.

Applications

- Water supply in remote or isolated areas
- Pumping systems where energy cost reduction is desired
- Installations requiring low environmental impact and reduced maintenance

Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note	Confirm the installation conditions, power supply and duty point before commissioning.
Complementary equipment	Contact JOVAL for compatible accessories and equipment.
Resources and support	Pump selection guide · JOVAL technical support
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Solar Controller

EOS 36-48/500

Type

Solar Self-Priming Pool Pump

Protection degree

IP54

MPPT Efficiency

99%

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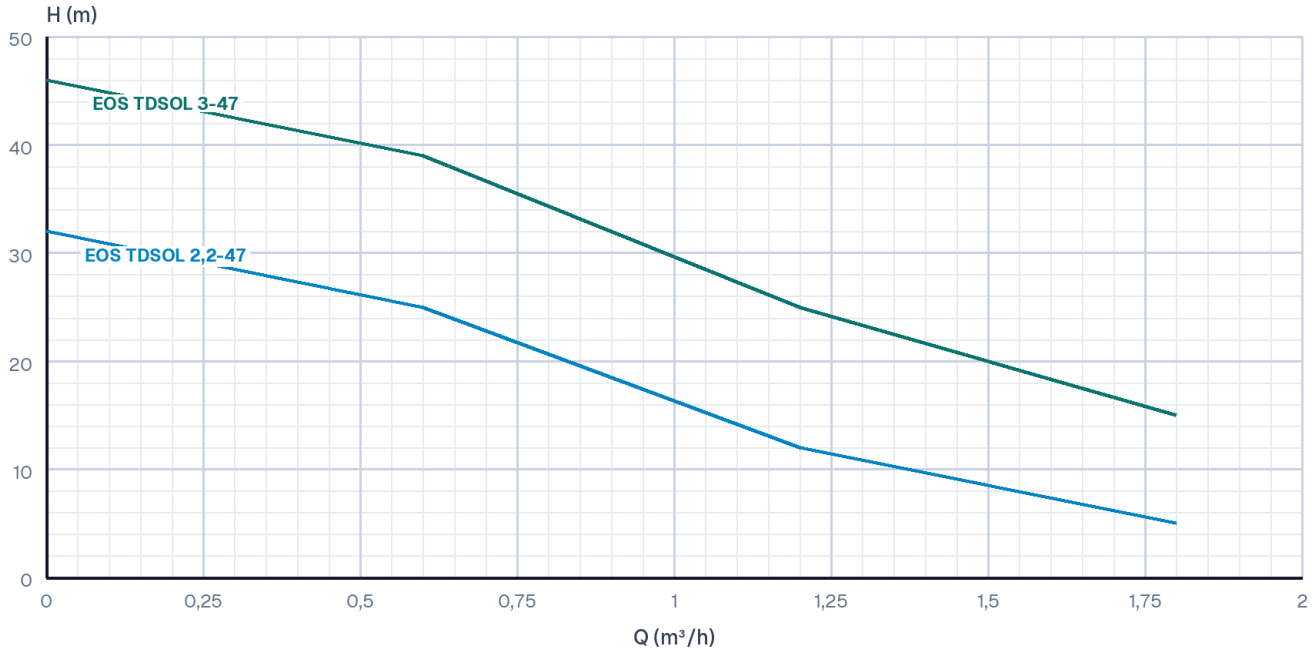
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Performance Curve

Performance curves



Electrical data

Model	V / W	Solar Controller
EOS TDSOL 2,2-47	36 / 210	EOS 36-48/500
EOS TDSOL 3-47	48 / 500	EOS 36-48/500

Hydraulic performance

	Q · Flow (m³/h)			
Model	0	0,6	1,2	1,8
EOS TDSOL 2,2-47	32	25	12	5
EOS TDSOL 3-47	46	39	25	15

Select the duty point at the intersection of Q and H.