Equipment and solutions

EOS TPSOL Solar Surface Pump

Product technical datasheet

Solar peripheral pumps for surface water transfer.



FT-P088 · Rev. 1

The EOS TPSOL series consists of peripheral surface pumps powered by solar energy. Designed for water transfer and small irrigation systems where solar is the primary energy source. The peripheral impeller design provides high head at low flow rates, making them suitable for.

Applications

- Water supply in remote or isolated areas
- Agricultural irrigation systems with solar energy
- Water extraction from boreholes, wells, rivers, or reservoirs
- 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 / EOS 96/1000

Type

Solar Peripheral Surface Pump

Protection degree

IP54

MPPT Efficiency

99%

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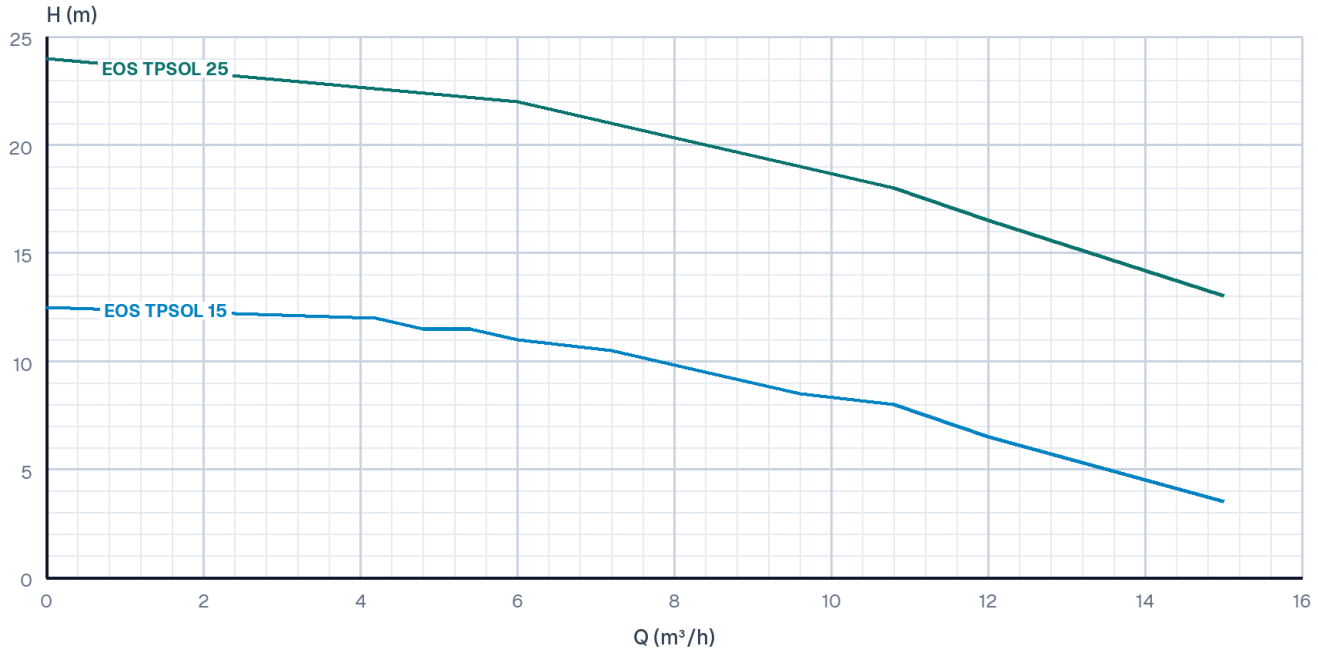
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Performance Curve

Performance curves



Electrical data

Model	V / W	Solar Controller
EOS TPSOL 15	48 / 500	EOS 36-48/500
EOS TPSOL 25	96 / 1000	EOS 96/1000

Hydraulic performance

	Q · Flow (m³/h)										
Model	0	4,2	4,8	5,4	6	7,2	8,4	9,6	10,8	12	15
EOS TPSOL 15	12,5	12	11,5	11,5	11	10,5	9,5	8,5	8	6,5	3,5
EOS TPSOL 25	24	—	—	—	22	21	20	19	18	16,5	13

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