

VSP160-1-A

Solar pumping system





> we move it faster >

Inverter

Model: VASCO Solar 430 MP

Input Voltage: 160 - 850 VDC; 3 x 320-520 VAC

Input Voltage for rated P1 : >560 VDC

Max output current: 30 A

Max motor P2 : 15 kW

Max efficiency: 98 %

Protection degree: IP65 (NEMA 4)

Max ambient temperature : 60 °C with 11 kW motor



Motor

Best quality Franklin motor.

Three phase 6" water filled submersible motor.

Encapsulated and resinated stator to grant maximum insulation and heat dissipation.

Protection degree IP68.

Insulation class F.

Max water temperature: 35 °C, minimum speed 0,08 m/s

Removable lead connector.

Cable for drinking water applications, VDE/ACS/KTW compliant

No-wear, water lubricated thrust bearing.



Franklin Electric



Pump end

10" submersible pump.

Fully stainless steel AISI 304.

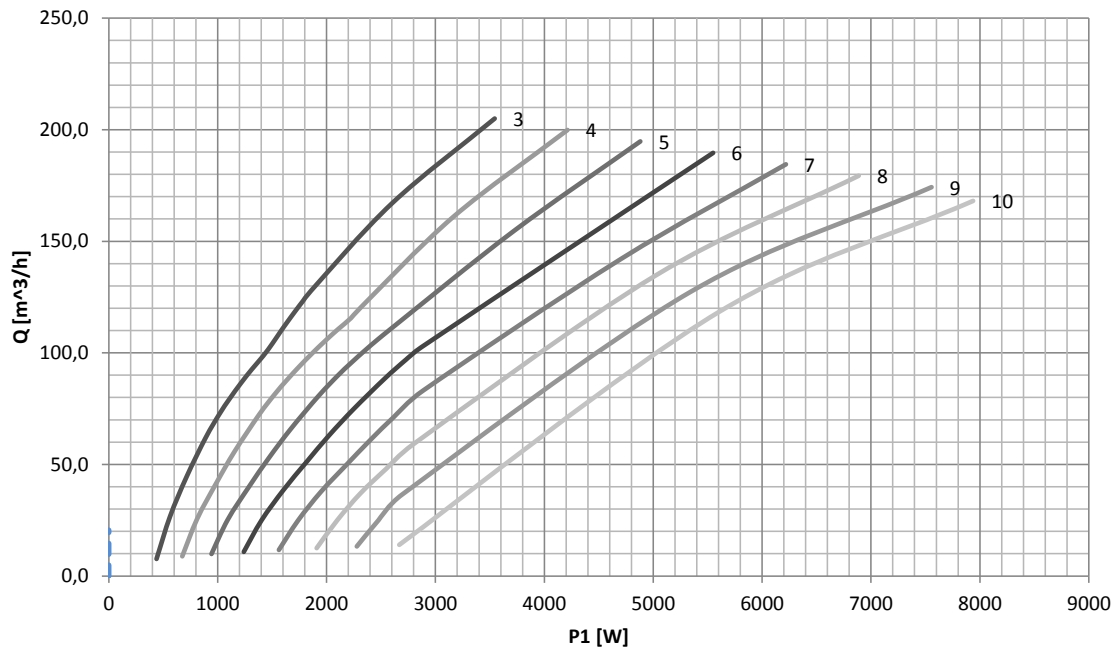
Stainless steel impellers and diffusers to grant maximum efficiency and reliability.

Sand content: 50 gr/m³

Max water temperature: 30 °C



Performance



	η_{\max}
Inverter	98%
Motor	78%
Pump	80%

Weights and dimensions

Model	Pump				Motor					Pump + Motor		VASCO Solar
	A	B	C	Net Weight	Diam	P2	Voltage	D	Net Weight	L	Net Weight	
	[mm]		[mm]	[kg]	[inch]	[kW]	[VAC]	[mm]	[mm]	[mm]	[kg]	
VSP160-1	652	6" RP	211	30,4	6	11	3x380 VAC	711	54,7	922	85,1	430

