

ennos 2HP sunlight pump datasheet

General Information of the 2HP sunlight pump

Model		JSPBL1.5/CF25-1	
Hydraulic rating			
Pump type		Centrifugal Pump	
		Typical	Maximum
Maximum Total Dynamic Head (TDH)	m	10	20
Flow rate	l/min	520	280
Daily discharge at 7.15kWh/m ² /day	m ³ /day	>210	>90
Suction capacity at sea level (vertical meters) ₁	m	6	
Electrical rating			
Range of maximum power point voltage (V_{MPP}) _{2,3}	VDC	60-128 (Typical: 105)	
Range of open circuit voltage (V_{OC})	VDC	75-160 (Typical: 135)	
Maximum Input current @25°C	A	19	
Maximum Input power	W	2000 (typ.: 1800)	
Storage temperature	°C	-30 to +55	
Operating temperature	°C	0 to +50	
Type of enclosure		IP65	
Measures	mm	570 x 300 x 340	
Weight	kg	33	

1 Suction capacity at sea level. Subtract 1m for every 1,000m altitude

2 PV modules at standard test conditions: AM= 1.5, E = 1,000W/m², cell temperature: 25°C

3 CAUTION: If the connected solar module supplies an open circuit voltage of more than 160V, the controller will be damaged. While selecting the solar PV module, it is important to keep in mind that the open circuit voltage should never exceed 160V over the entire working temperature range.

Note: All parameters are subject to change without prior notice



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