

SOLAR PUMPING CONTROLLER



Features

1. Self-adaptive power point tracking technology with up to 99% efficiency
2. Automatic regulation of pump flow
3. Self-adaptation to the drive used in the installation

Cost effectiveness

1. Plug-and-play system design
2. Embedded pump functions
3. Battery-free for most applications
4. Effortless maintenance

Technical data

Model	S-PV100-2K2P3	S-PV100-5K5P3
Input Data		
PV Source		
Max Input Voltage (Voc) [V]	800V DC	
Recommended voltage, at MPPT	500V DC ~ 700 V DC	
Recommended PV array power [k W]	2.7 ~ 3.5	6.6 ~ 8.8
Alternate AC Generator		
Input voltage	380V AC (± 1 5 %), Three Phase	
Max Amps (RMS)[A]	5.8	14 .6
Power and capability [kVA]	4	8 .9
Output Data		
Output Power, rated [kW]	2 .2	5 .5
Output Volta g e , rated	80V AC (± 1 5 %), Three Phase	
Max Amps (RMS) [A]	5 .1	13
Output Frequency	0-50 Hz/60 Hz	
Protection		
Surge protecti on	Integrated	
Overvoltage protection	Integrated	
Undervoltage protection	Integrated	
Locked pump protection	Integrated	
Open circuit protection	Integrated	

Short circuit protection	Integrated	
Overheated protection	Integrated	
Dry run protection	Integrated	
Communication		
Communication port	Standard isolater RS-485 , Modbus protocol	
General Data		
Ambient Temperature Range	-20 °C ~ 60 °C , > 45 °C,Derating as required	
Cooling Method	Fan Cooling	
Ambient Humidity	< 95 % RH	
Dimensions(H *W *D)[mm]	241*162*180.2	360.5 *182*195.4
Gross Weight [kg]	4.2	9
Standard Warranty [month]	18	
Certificates	IEC/EN 61800 -5 -1 ,IEC/EN 61800 -2:2004 ,IEC/EN 61 80 0-3:2004 ,CE	

Ordering information		
Model No.	S-PV100-2K2P3	S-PV100-5K5P3
Part No.	606722	606724
Warranty	1 year from Delivery date	
Packing unit	1 pc(s).	

Contact us

You can find the address of your local sales organisation on the home page



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