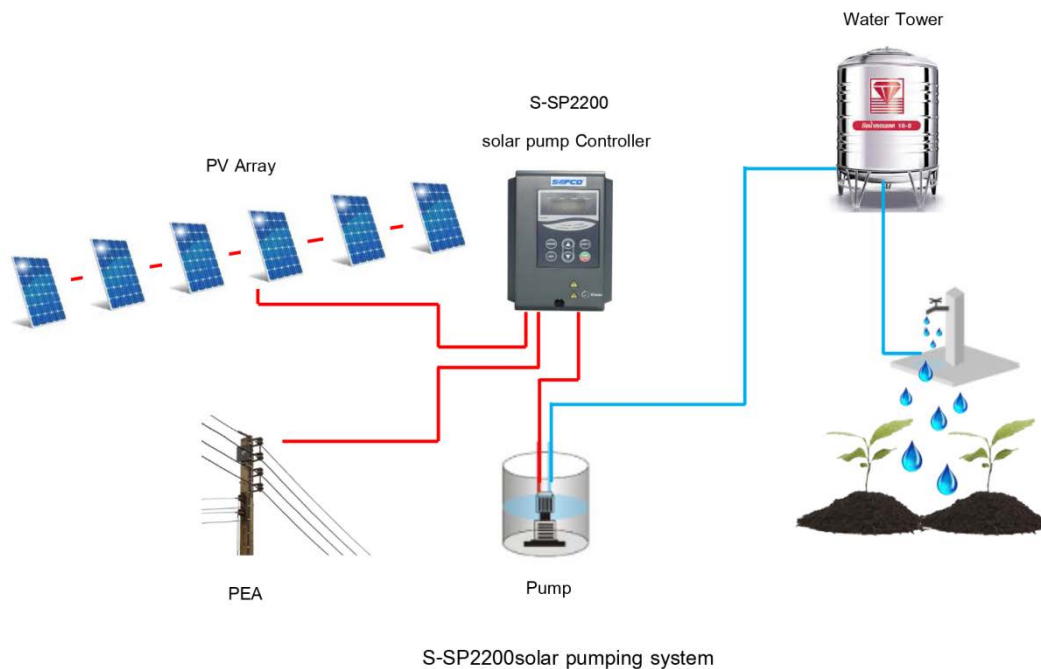


Solar Pumping



FEATURE

The S-SP2200 solar pumping system serves to provide water in remote applications where electrical grid power is either unreliable or unavailable. The controller can convert DC power from the PV array to AC power and drive variable kinds of pumps. In sunny days, the S-SP2200 solar pumping system can continuously pump water. The system is without batteries and other energy storage devices, it is recommended to take water to a reservoir for later use and water sources are those natural or special such as river, lake, well or waterway, etc. A float switch can be installed in the water tower to control the pump operation. And install a low-level probe in well to detect the well water so that when the water shortage pump is stopped. Figure 1 shows a typical diagram of a S-SP2200 solar pumping system. The major parts and components in the system are listed after the diagram.



Technical data

Model.	S-SP2200
Input Data	
Max Input Voltage(Voc)	DC 450 V
Recommended Voltage, at MPP	DC 280-360 V
Recommended PV Array Power [kW]	2.7-3.5
Alternate AC Generator	
Input Voltage	AC 220 V
Max Amps(RMS)[A]	23
Power and VA Capability [kVA]	4
Output Data	
Output Voltage, Rated	AC 220 V
Max Amps (RMS)[A]	10
Output Power, Rated [kW]	2.2
Output Frequency	0-50Hz/60Hz
Dimension	187x 88x 138
Weight	2.2 kg

Ordering information	
Model.	S-SP2200
Part No.	608159
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



www.sefco.co.th



www.sefco23.com



LINE



Facebook



WeChat



WhatsApp

SEFCO - Tel. : +66 (0) 3811 9780-2

SEFCO - Fax. : +66 (0) 38 119 783