

Photowatt's modules applications



Installation details :

Date	1992-1997
Country	Niger, Africa
System	Solar Water Pumping System
Size	1600 Wp
Module	32 solar panels reference BPX47500, one of the previous versions of the actual double-glass 50 Wp PWX500 module.
Place	Kanare
Comments	<p>This pumping system is part of the PRS program, Regional Pumping Solar program, dedicated to the development of remote areas in several African countries, included Niger.</p> <p>Financed by the European Union, this program enabled the installation of more than 66 pumping solar systems between 1992 and 1997.</p> <p>This program purpose was to enable developing countries to find out a way to use solar resources.</p> <p>This installation is a necessary tool for the entire village and doesn't require any specific care, maybe sometimes a quick cleaning to optimize the panel's power, avoiding sand deposit that wind is carrying on this very dry area.</p> <p>The panels are providing the electrical energy required for the pump power. This enables drawing phreatic water on a 10m³ supplying tank.</p> <p>Thanks to this installation, inhabitants can always rely on a water reserve easily accessible.</p> <p>This Project was set up with the Environment and Hydraulic Ministry, the Direction of Hydraulic Infrastructures, and the PRS (Regional Solar Pumping program)</p>