

**PIENAAR ENERGY (PTY) LTD**

# Specifications and dimensions of East Asia solar water pumps

**12.8V 100Ah**



## Overview

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The technical basis for this guidance document is the International Electrotechnical Commission (IEC) International Standard 62253, Photovoltaic pumping systems – Design qualification and performance measurements. These product. The development of this guideline was funded through the Sustainable Energy Industry Development Project (SEIDP). The World Bank through Scaling Up Renewable Energy for Low-Income Countries (SREP) and the Small Island Developing States (SIDSDOCK) provided funding to the PPA as the Project. nver nver nver nver vert vert vert vert vert vert . ater Pumping System set uses the irradiance available through SPV array. The SPV array produces DC power, whi e at-least equal to Solar Panels Power Capacity (Wp), not Pump Capacity. Hundreds of solar photovoltaic pumps have been built and operated in countries of Asia and the Pacific. 100 L/H up to 3600 L/H. Available for high temp applications up to 100<sup>o</sup> C for use in cooling and circulation systems. Car Cooling Systems Voltage: 4.

## Specifications and dimensions of East Asia solar water pumps

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### Solar DC Brushless Water Pumps

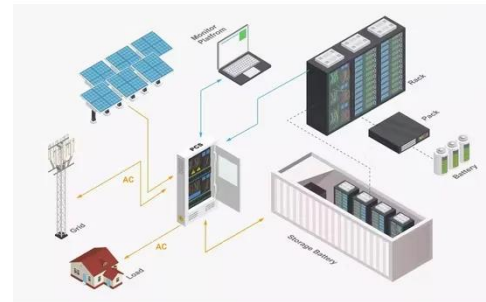
Solar DC Brushless Water Pumps 100 L/H up to 3600 L/H. Long life, low voltage, completely submersible and in line use. Available for high temp applications up to 100° C for use in cooling and ...

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### Solar Powered Water Systems

This document gives detailed instruction of all technical topics pertinent to the design and installation of solar powered water systems within the rural water supply context.



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### Solar DC Brushless Water Pumps

Small Size with High Efficiency and Low Consumption. 100% Water Proof.. Adjustable Flow Rate. Submersible and External Installation. - Adjusts Water Height and Flow Rate by PWM. - Rotor-Lock ...

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## Design Selection and Installation of Solar water Pumping Systems

Determine the water source and, based on the characteristics of the water source and the water's end usage, select the appropriate solar water pumping system to be installed.



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## SOLAR PUMP Technical Specification WPS JNNM

The document describes the components and specifications of a solar photovoltaic water pumping system. The key components are the PV array, DC or AC motor pump set, electronics, interconnect ...

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## SOLAR-POWERED WATER PUMPING IN ASIA AND THE ...

It contains a review of solar pump technology, including solar water pump design and economics, and a review of the application of solar energy to water pumping world-wide, with special emphasis on the ...

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## SPECIFICATION FOR SOLAR PHOTOVOLTAIC WATER ...

These specification covers design

qualifications and performance specifications for Centrifugal Solar Photo Voltaic (SPV) Water Pumping Systems from 1HP (0.75kW) to 25 HP

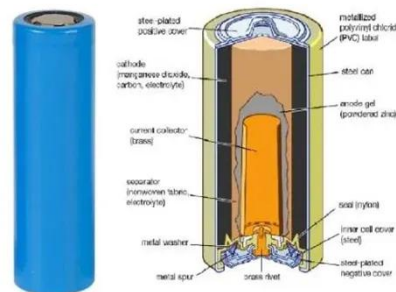
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## Ministry of New and Renewable Energy Jawaharlal Nehru ...

The Solar PV Water Pumping System should provide a minimum of 85 liters of water per watt peak of PV array used per day under average daily solar radiation conditions of 5.5 KWh/sq.m. on a ...

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## SOLAR PUMP DATASHEETS

SOLAR PUMP DATASHEETS SPM400HS  
Permanent Magnet Solar Pump  
Performance Water Head Daily Water  
Flow 40 - 1 m 9 - 23 m<sup>3</sup>

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## Solar Pump Catalogue

ZIRANTEC Solar Pumping systems are designed & developed using the most advanced technologies suitable for

various applications and giving more thrust on high performance and ...

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