

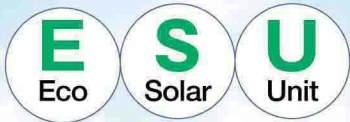
Renewable Energy Supplies Water Anywhere!

Stand-alone Type Solar Powered Water Pumping System



ENVIRONMENT FRIENDLY PRODUCT

ECO SOLAR PUMP UNIT



250S

Eco friendly by using Nature power

No CO2 emission by using Solar Energy

No use of Commercial Electricity

Irrigate by electric water pump at any off-grid places

Compatible for on-grid and off-grid

Automatically switched to on-grid power when the off-grid power gets insufficient (in case of compatible use of on-grid and off-grid power)

Simple and easy Display Panel to read

Power generation, power consumption and CO2 reduction will be displayed



Use Timer for saving power

When pump is not working, the control unit will be shut down for saving the stand-by power.

Display Panel

Easy to read

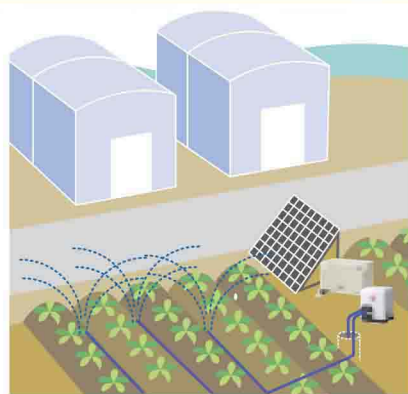
Graph shows power level generated

CO2 reduction is displayed.

Switch button



Energy saving for houses



Irrigation by electric water pump at off-grid places



For educational purpose



Water supply at the public sites

Examples of connectable pump



NF2 type



JF type



Rain water tank

Specifications

Setting place	Indoor or outdoor, but Solar panels must be in the outdoor	
Environment	-10~40°C※1,90%RH, Altitude less than 1000m	
Solar Panel	Nom. max. output W	153W ※2
	Nom. max. working V	DC 20.3V ※2
	Nom. max. working A	DC 7.54A ※2
Input Power	AC 100V ※3 (When the grid voltage is higher, use step-down transformer.)	
Regulated output	AC 100V (trapezoidal output)	
Frequency	50/60Hz (Automatically detecting frequency of the grid power)	
Protection	Over-heating, over-loading and communication error	
Usable pump	SF150S, NF2-150S, NF2-250S, JF250S with no Excitation current (max. 5.5A)	

Unit Configuration

Part	Descriptions
Control Unit	ECGS-0.25S (ECGenerator Solar) Rechargeable batteries GS-Yuasa make SEB150 built-in
Display Panel	Liquid Crystal Display with 5m cord
Solar Panel	SHARP ND-153AU
Cable	2mm ² -20m to connect Solar Panel and Control unit

Optional Accessories

Part	Descriptions
Stand	to set Solar Panel with inclination of 30 degrees
Timer	to save the stand-by power on no use of pump with 0.5m cord (for connecting to the display panel)
Cord	50m (to connect Display panel to the control unit)

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