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G O K Ū

Submersible Pump System



AZUMA

This system pumps water through the submersible pump powered by the PV module.

System configuration

Solar-powered submersible pump system

- 155W PV module : 2units
- Control box : 1unit
- PV output cable : 1set (2m X 4pcs.)
- Submersible pump : 1unit

* The submersible pump operates when the power generated by the PV module is higher than the power required for operating the system.

* The control box is capable of controlling the system to stop operation when there is no water to pump.

PV + battery-powered submersible pump system

- 155W PV module : 2units
- Control box : 1unit
- PV module output cable : 1set (3m X 4pcs.)
- Submersible pump : 1unit

* A charge-discharge controller and a lead battery are built into the control box.

* The submersible pump operates when the power generated by the PV module is higher than the power required for operating the system or when the battery has sufficient charge to power the system.

Option

PV module mounting rack (Installation angle of 30 degrees)

* Rack installation and its foundation construction are not included in the scope of supply.

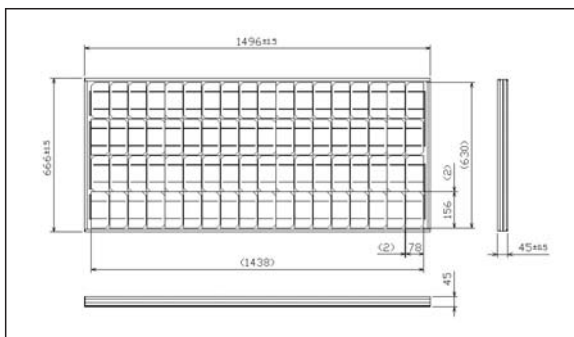
Specifications

12V DC powered, total pump head of 4m, discharge of up to 90l/min.

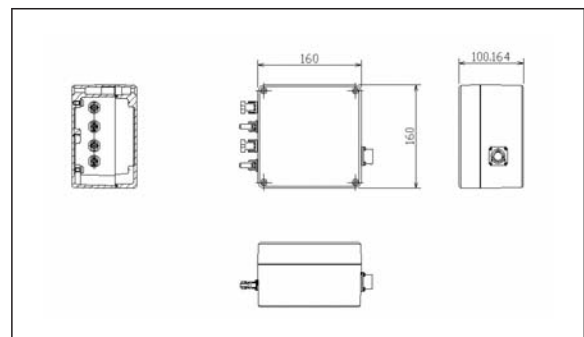


- Power cable : 5-meter-long cord with waterproof connector
- Hose coupling (25mm) : 1pair
- Hose nipple (for 15-mm hoses) : 1piece
- Hose band (for 25-mm hoses) : 1piece
- Lifting rope : 1piece
- Hose band (for 15-mm hoses) : 1piece

* Hoses need to be purchased separately.



PV module (Module no.: GSF-155R-S24)



Control box (for the solar-powered submersible pump system)

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