



# ADVANTAGE FOR SOLAR WATER PUMP

- With MPPT function
- With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- Much bigger water flow than the normal DC water pump
- Environmental protection,clean energy, can be powered by solar panel, battery as well as AC electric
- Qver-load protection,under-load protection, lock-rotor protection,thermal protection



## APPLICATION FLELD

These water pumps are used in irrigation of agriculture also widely used for drinking water and living water use

## TECHNICAL DATA

| NO. | Model                    | Voltage    |                | Power |    | Max. Flow | Max. Head | Outlet (inch) | Cable | Solar Panel  |       |                      | RPM  | Weight |
|-----|--------------------------|------------|----------------|-------|----|-----------|-----------|---------------|-------|--------------|-------|----------------------|------|--------|
|     |                          | Rated Vol. | Solar Cell VOC | Kw    | HP |           |           |               |       | Open Voltage | Power | Max.input Current(A) |      |        |
| 01  | HD-4SC9-420-530-7500-A/D | 380V       | 530V           | 7.5   | 10 | 9.0m³/h   | 420m      | 1.5"/2"       | 2m    | <780         | ≥8500 | \                    | 4000 | 22     |

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|-----|---------------------------|-------|----|-----------|-----------|---------------|-------|--------------|-------|----------------------|------|--------|
|     |                           | Kw    | Hp |           |           |               |       | Open Voltage | Power | Max.input Current(A) |      |        |
| 02  | HD-4SC12-100-180 -1500-HV | 1.5   | 2  | 12.0m³/h  | 100m      | 2"            | 2m    | <430         | ≥2000 | 18                   | 4000 | 12.4   |
| 03  | HD-4SC18-112-300-3000-HV  | 3     | 4  | 18.0m³/h  | 112m      | 2"            | 2m    | <430         | ≥4000 | 18                   | 4000 | 14.4   |

