**PS2-4000 HR-03HHL gas**

**Solar Submersible Pump System for 4" wells**

### System Overview
- **Head**: max. 2,300 ft
- **Flow rate**: max. 2.1 bbl/h

### Technical Data

#### Controller PS2-4000
- Solar direct or via PowerPack
- Control inputs for dry running protection, remote control etc.
- Controlling and monitoring
- Programmable pump cycles and flow rates
- Integrated data logger with Bluetooth

- **Power**: max. 4.0 kW
- **Input voltage**: max. 375 V
- **Optimum Vmp****: > 238 V
- **Motor current**: max. 14 A
- **Efficiency**: max. 98%
- **Ambient temp.**: -40...122 °F
- **Enclosure class**: IP68

#### Motor ECDRIVE 1200A-HR / ECDRIVE 1800A-HR
- Maintenance-free brushless DC motor
- Water filled
- Premium materials, stainless steel: AISI 304/316
- No electronics in the motor

- **Rated power**: 1.7 kW
- **Efficiency**: max. 92%
- **Motor speed**: 900...3,300 rpm
- **Insulation class**: F
- **Enclosure class**: IP68
- **Submersion**: max. 1,640 ft

#### Pump End PE HR-03HHL gas***
- Premium materials, stainless steel: AISI 304/316
- Hard chrome plated rotor
- Helical rotor pump

#### Pump Unit PU4000 HR-03HHL gas (Motor, Pump End)
- **Borehole diameter**: min. 4.0 in
- **Water temperature**: max. 122 °F

### Standards

- 2006/42/EC, 2004/108/EC, 2006/95/EC
- IEC/EN 61702:1995

The logos shown reflect the approvals that have been granted for this product family. Products are ordered and supplied with the approvals specific to the market requirements.

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**Vmp**: MPP-voltage under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 25 °C cell temperature

***Specify temperature range on order
PS2-4000 HR-03HHL gas
Solar Submersible Pump System for 4" wells

Pump Chart

Dimensions and Weights

Controller
- H1 = 14 in
- H2 = 13 in
- W1 = 8.1 in
- W2 = 6.7 in
- W3 = 6.5 in
- D1 = 4.9 in

Pump Unit
- A = 40 in
- B = 8.7 in
- C = 32 in
- D = 3.5 in
- E = 3.3 in
- S = 1 in

*Vmp: MPP-voltage under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 25 °C cell temperature

Dimensions and Weights

<table>
<thead>
<tr>
<th></th>
<th>Net weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>13 lbs</td>
</tr>
<tr>
<td>Pump Unit</td>
<td>31 lbs</td>
</tr>
<tr>
<td>Motor</td>
<td>15 lbs</td>
</tr>
<tr>
<td>Pump End</td>
<td>15 lbs</td>
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</tbody>
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