

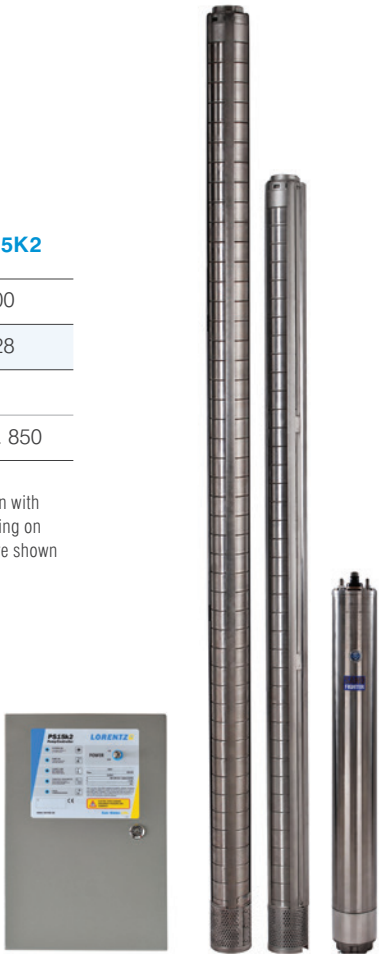


PSk2 Centrifugal Solar Pump Systems

SUBMERSIBLE PUMP SYSTEMS FOR 6" AND 8" WELLS

| PUMP SYSTEMS | PS 9K2 | PS 15K2 | PS 21K2 | PS 25K2 |
|-----------------------------------|----------|----------|----------|----------|
| MAX. TOTAL DYNAMIC HEAD (TDH) [m] | 180 | 140 | 120 | 200 |
| MAX. FLOW RATE [m³/h] | 136 | 235 | 218 | 228 |
| SOLAR OPERATION: | | | | |
| open circuit voltage (Voc) [V DC] | MAX. 850 | MAX. 850 | MAX. 850 | MAX. 850 |

* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m², cell temperature: 25°C. All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations. A pump system consists of a controller, motor and pump end. Multiple pumps/pump ends are shown to represent the wide range of pumps (over 70) that LORENTZ has.



LORENTZ
lorentzpumps.com.au

Exclusively distributed by
REAQUA
Moving Water Well.

SUBMERSIBLE PUMPS

STICK IT WHERE THE SUN SHINES

Australian's have a habit of being told to stick things in dark places, but the LORENTZ range of solar pumps and controllers work better where the sun shines.

From swimming pools to stock water to irrigation – no fuel & no electricity.

Just sunshine and you're pumping.

LORENTZ

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REAQUA
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PS Centrifugal Solar Pump Systems

SUBMERSIBLE PUMP SYSTEMS FOR 4" AND 6" WELLS



| PUMP SYSTEMS | PS150 C | PS600 C | PS1200 C | PS1800 C | PS4000 C |
|-----------------------------------|-----------|----------|----------|----------|-----------|
| MAX. TOTAL DYNAMIC HEAD (TDH) [m] | 20 | 30 | 40 | 100 | 160 |
| MAX. FLOW RATE [m³/h] | 4.6 | 12 | 21 | 53 | 79 |
| SOLAR OPERATION: | | | | | |
| max. power voltage (Vmp)* [V DC] | > 17 | > 68 | > 102 | > 102 | > 238 |
| open circuit voltage (Voc) [V DC] | MAX. 50 | MAX. 150 | MAX. 200 | MAX. 200 | MAX. 375 |
| nominal voltage [V DC] | 12 – 24 | 48 – 72 | 72 – 96 | 72 – 96 | 168 – 192 |
| BATTERY OPERATION: | | | | | |
| nominal voltage [V DC] | 12 and 24 | 48 | 96 | 96 | N/A |

* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m², cell temperature: 25°C

PS Helical Rotor Solar Pump Systems

SUBMERSIBLE PUMP SYSTEMS FOR 4" AND 6" WELLS



| PUMP SYSTEMS | PS200 HR | PS600 HR | PS1200 HR | PS1800 HR | PS4000 HR |
|-----------------------------------|-----------|----------|-----------|-----------|-----------|
| MAX. TOTAL DYNAMIC HEAD (TDH) [m] | 50 | 180 | 240 | 250 | 450 |
| MAX. FLOW RATE [m³/h] | 2.6 | 2.6 | 2.5 | 3.9 | 2.6 |
| SOLAR OPERATION: | | | | | |
| max. power voltage (Vmp)* [V DC] | > 34 | > 68 | > 102 | > 102 | > 238 |
| open circuit voltage (Voc) [V DC] | MAX. 100 | MAX. 150 | MAX. 200 | MAX. 200 | MAX. 375 |
| nominal voltage [V DC] | 24 – 48 | 48 – 72 | 72 – 96 | 72 – 96 | 168 – 192 |
| BATTERY OPERATION: | | | | | |
| nominal voltage [V DC] | 24 and 48 | 48 | 96 | 96 | N/A |

* PV modules at standard test condition: AM = 1.5, E = 1,000 W/m², cell temperature: 25°C