



Solar Well Pumps



LJ – Series

LJ 10, LJ 20

max. Lift

up to 20 m



An ideal combination of water and sun that preserves the environment, saves energy and reduces physical effort. If more sunlight, the more water is pumped (this is ideal for stock watering and irrigation) Water is pumped even on hazy days.

Automatic operation for years – minimal maintenance is required. Special construction allows dry operation for hours.

LJ 10 – need only a 12 Wp solar panel for up to 10 meters.

LJ 20 – need only 24 Wp power supply for up to 20 meters.

Note: Solar pump can not be operated with battery!

Features

- Deliver water up to 20 m
- low borehole drilling costs – a diameter of 8.0 cm (3 1/4") is sufficient
- robust and reliable
- constructed from brass and stainless steel

Application

- stock watering
- water supply for cabins
- and remote houses

LJ 10 – Height of water / Daily water delivering amount at 6 sunshine hours

| Height of water | 1 sun | 2 sun | 3 sun |
|-----------------|----------|----------|----------|
| 3 m | 480 ltr. | 240 ltr. | 150 ltr. |
| 5 m | 390 ltr. | 198 ltr. | 114 ltr. |
| 7 m | 300 ltr. | 168 ltr. | 102 ltr. |
| 10 m | 240 ltr. | 108 ltr. | 66 ltr. |

Delivery – LJ10 pump with one crystalline solar panels 12 Watts, 11 m cable, 11 m water pipe and hang rope

LJ 20 – Height of water / Daily water delivering amount at 6 sunshine hours

| Height of water | 1 sun | 2 sun | 3 sun |
|-----------------|----------|----------|----------|
| 5 m | 636 ltr. | 378 ltr. | 168 ltr. |
| 10 m | 462 ltr. | 294 ltr. | 138 ltr. |
| 15 m | 372 ltr. | 222 ltr. | 108 ltr. |
| 20 m | 264 ltr. | 168 ltr. | 72 ltr. |

Delivery – LJ20 pump with one crystalline solar panels 25 Watts, 21 m cable, 22 m water pipe and hang rope

| SH-No.: | 160150 | 160151 |
|-------------------------------|--------------------|--------------------|
| Solar Well Pump System | LJ 10 SET | LJ 20 SET |
| Well Pump | | |
| max. input voltage | 16.5 VDC | 32.0 VDC |
| min. / max.current | 0.1 A / 0.8 A | |
| flow rates | up to 480 ltr./day | up to 636 ltr./day |
| pressure head | up to 10 m | up to 20 m |
| weight | 3.3 kg | 5.2 kg |
| dimensions | Ø 55 x 360 mm | |
| Solar panel | | |
| max. Power | 12 W | 25 W |
| max. Power Voltage | 17.0 V | 17.0 V |
| dimensions | 383 x 360 x 25 mm | 535 x 449 x 25 mm |