

### JPB 3" DC brush-less screw submersible pump.

Model	Power W	MPPT voltage V	Open voltage V	Rate lift m	Max. lift m	Max. Flow T/H	Rate Flow T/H	Protection
3JPB24-70	300	36	44	50	70	2	1	IP68
3JPB48-115	600	72	92	85	115	2	1	IP68



### 3" DC brush-less screw submersible pump.

#### Application:

- \* Livestock watering
- \* Drinking water & domestic water supply
- \* Pond management & small water works
- \* Irrigation systems
- \* Responsible Leisure
- \* Groundwater lowering

#### Feature:

- \* Unique 3" design,
- \* Wide voltage window
- \* Overload protection
- \* Over & undervoltage protection, thermal protection setting.
- \* Stainless steel components provide long service life
- \* Fast & simple installation with inner controller & MPPT.
- \* Automatic restart
- \* Maintenance Free with DC Brushless Permanent magnet motors
- \* Dry -running with extra float switch
- \* Special design low speed starting motor for solar powered system, high energy efficiency.

#### Technical data:

- \* Performance range: Flow up to 2m<sup>3</sup>/hour
- \* Head up to 115m
- \* Wide voltage 24VDC: 18-48V; 48VDC: 36V-96V
- \* Frequency range: 1-50HZ @ Max. Amp 16A
- \* Soft start low amp @ 0.5A motor speed 10RPM-2800RPM,
- \* Max. acceptable media temp: 70°C
- \* Pump Diameter: Ø76mm
- \* DC Brushless Permanent magnet motors life: 18000 hours
- \* Net weight: 4.25kgs; Gross weight: 5.5kgs
- \* Thread connections: 1"
- \* Materials Stainless steel AISI 304
- \* Same power solar panels start work, recommend solar panels of 1.3-1.5 times @ Max. lift & flow.
- \* JPB series submersible pump can be installed vertically or horizontally
- \* Package: wooden case size: 54.5\*10.5\*10.5cm