HYB series” DC brush-less screw submersible pump.

Model	Power	MPPT voltage	Open voltage	Rate lift	Max. lift	Max. Flow	Rate Flow	Protection
	W	V	V	m	m	T/H	T/H	
HYB24-70	300	36	44	50	70	2	1	IP68
HYB48-115	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 providelong 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:

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Performance
range: Flow
up to
* Head upto 115m
* Wide voltage 24VDC:18-48V; 48VDC:36V-96V
* Frenqucy range:1-50HZ@ Max.Amp 16A
* Soft start low amp @0.5A motor speed 10RPM-2800RPM,
* Max.acceptalbe media temp:70°C
* Pump Diameter:Ø76mm
* DC Brushless Permanent magnet motors life:18000hours
* 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 1.3-1.5times @ Max.lift & flow.
* HYB series submersible pump can be installed vertically or horizontally
* Package: wooden case size:54.5*10.5*10.5cm