

# HBP3S-48-400-2.2-80

## Solar DC Pump (Permanent Magnet)



### Performance

MAX Head :

80m

MAX Water Flow/ hour :

2.2 m<sup>3</sup>/h



### Technical Data

Pump Specifications	Screw Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	75 mm
Solar Pumping Controller Model	HBDC750
Controllor Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP3S-48-400-2.2-80
Motor Power	400W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 11 kgs

Solar Pump Gross Weight 12 kgs

Solar Pump Volume 0.03m<sup>3</sup>

Pump Body Material AISI 304

Controller Enclosure Material Stainless Steel

### Dimension, Weight and Material

#### Warranty

Controller 1.5 years

Pump 1 year

#### Standards

EN 61000-6-2:2005

EN 61000-6-4:2007+A1:2011

EN 61000-3-2:2014

EN 61000-3-3:2013

\*All specifications and information are provided with good intent, products may be subject to change without notice.

### Dimension, Weight and Material

#### Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



#### Pump

Length = 620 mm

Diameter = 3"

Outlet= 1"



### Performance Curve

