

HBP3S-36-200-1.3-73

Solar DC Pump



Performance

MAX Head :

73m

MAX Water Flow/ hour :

1.3 m³/h



Technical Data

Pump Specifications	Screw Pump 36V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	75 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>36V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP3S-36-200-1.3-73
Motor Power	200W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 10 kgs

Solar Pump Gross Weight 11 kgs

Solar Pump Volume 0.03m³

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

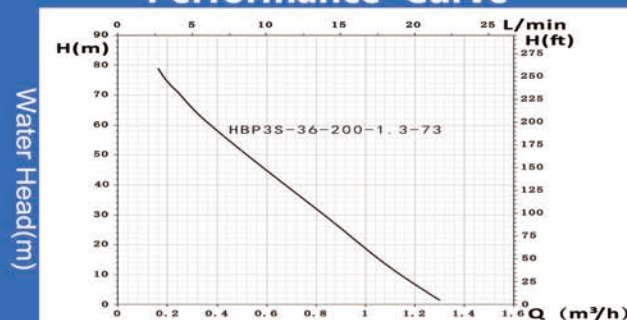
Length = 600 mm

Diameter = 3"

Outlet= 1"



Performance Curve



HBP3S-48-400-2.2-80

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

80m

MAX Water Flow/ hour :

2.2 m³/h



Technical Data

Pump Specifications	Screw Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	75 mm
Solar Pumping Controller Model	HBDC750
Controlller 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 0.03m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

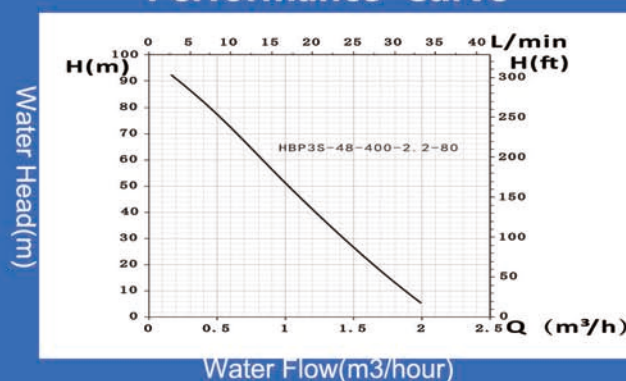
Length = 620 mm

Diameter = 3"

Outlet= 1"



Performance Curve



HBP3S-48-500-2.8-85

Solar DC Pump



Performance

MAX Head :

85m

MAX Water Flow/ hour :

2.8 m³/h



Technical Data

Pump Specifications	Screw Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP3S-48-500-2.8-85
Motor Power	500W
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 0.03m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

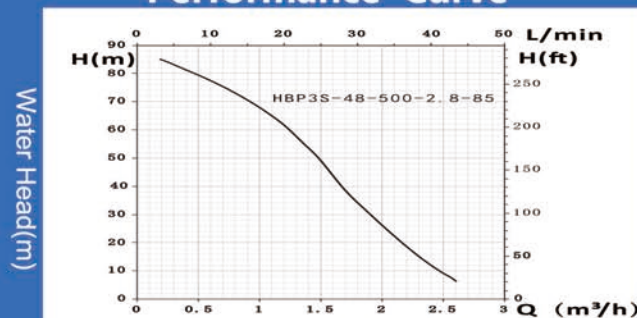
Length = 650 mm

Diameter = 3"

Outlet= 1"



Performance Curve



HBP4C-48-600-3.2-69

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

69m

MAX Water Flow/ hour :

3.2 m³/h



Technical Data

Pump Specifications	Centrifugal Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-48-600-3.2-69
Motor Power	600W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 16 kgs

Pump Impeller Material

POM

Solar Pump Gross Weight 17 kgs

Pump Body Material

AISI 304

Solar Pump Volume 0.03m³

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

Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

Length = 850 mm

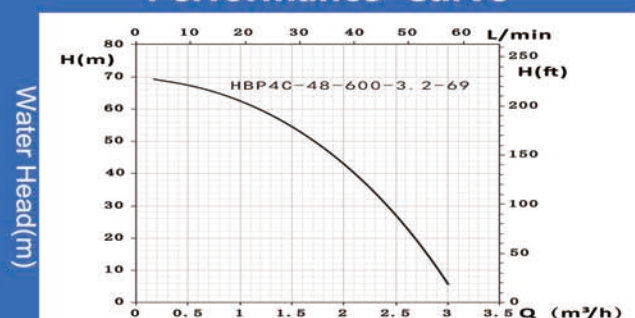
Diameter = 4"

Outlet= 1"



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Performance Curve



HBP4C-48-600-5. 2-54

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

54m

MAX Water Flow/ hour :

5.2 m³/h



Technical Data

Pump Specifications	Centrifugal Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-48-600-3.2-69
Motor Power	600W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 16 kgs

Pump Impeller Material

POM

Solar Pump Gross Weight 17 kgs

Pump Body Material

AISI 304

Solar Pump Volume 0.03m³

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

Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

Length = 850 mm

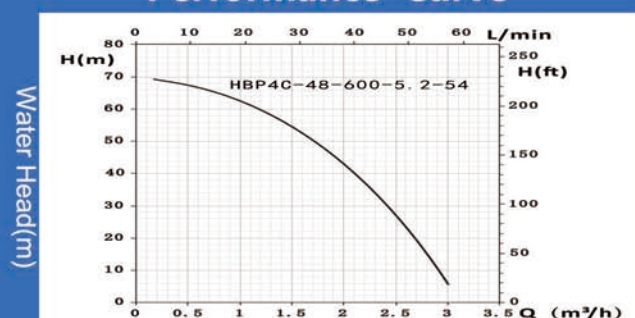
Diameter = 4"

Outlet= 1"



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Performance Curve



HBP4C-110-1100-3.3-150

Solar DC Pump



Performance

MAX Head :

150m

MAX Water Flow/ hour :

3.3m³/h



Technical Data

Pump Specifications	Centrifugal Pump 110V
Pump Outlet Dia.	30mm G 1"1/4
Adapting Well Dia.	100mm
Solar Pumping Controller Model	HBDC1100
Controlller Power	1100 W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-110-1100-3.3-150
Motor Power	1100W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 15kgs

Solar Pump Gross Weight 16kgs

Solar Pump Volume 0.04m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

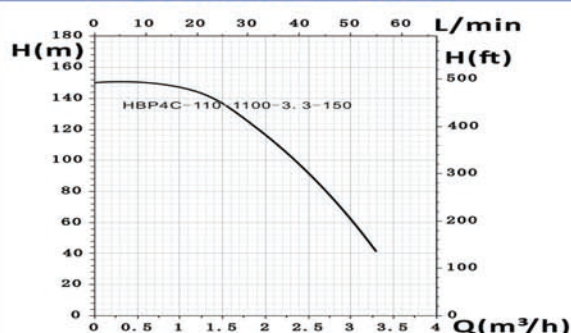
Length = 1250 mm

Diameter = 4"

Outlet= 1" 1/4



Performance Curve



Water Flow(m³/hour)

HBP4C-110-1100-7.2-68

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

68m

MAX Water Flow/ hour :

7.2 m³/h



Technical Data

Pump Specifications	Centrifugal Pump 110V
Pump Outlet Dia.	40mm G 1 1/2
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC1100
Controlller Power	1100 W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-110-1100-7.2-68
Motor Power	1100W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 17 kgs

Solar Pump Gross Weight 18 kgs

Solar Pump Volume 0.04m³

Pump Impeller Material

POM

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

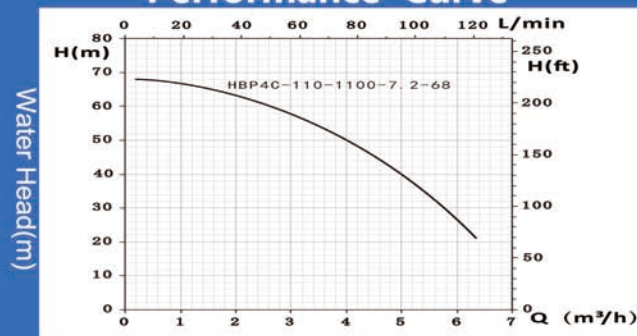
Length = 900 mm

Diameter = 4"

Outlet= 1" 1/2



Performance Curve



HBP4C-110-1500-3.3-191

Solar DC Pump



Performance

MAX Head :

191m

MAX Water Flow/ hour :

3.3m³/h



Technical Data

Pump Specifications	Centrifugal Pump 110V
Pump Outlet Dia.	30mm G 1"1/4
Adapting Well Dia.	100mm
Solar Pumping Controller Model	HBDC1500
Controller Power	1500 W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-110-1500-3.3-191
Motor Power	1500W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 16kgs

Solar Pump Gross Weight 17kgs

Solar Pump Volume 0.04m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

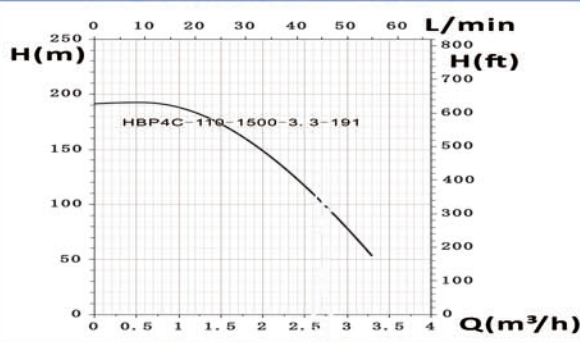
Length = 1300 mm

Diameter = 4"

Outlet= 1" 1/4



Performance Curve



HBP4C-110-1500-5.2-112

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

112m

MAX Water Flow/ hour :

5.2 m³/h



Technical Data

Pump Specifications	Centrifugal Pump 110V
Pump Outlet Dia.	40mm G 1 1/2
Adapting Well Dia.	100mm
Solar Pumping Controller Model	HBDC1500
Controlller Power	1500W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-110-1500-8.4-70
Motor Power	1500W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 15kgs

Solar Pump Gross Weight 22kgs

Solar Pump Volume 0.04m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

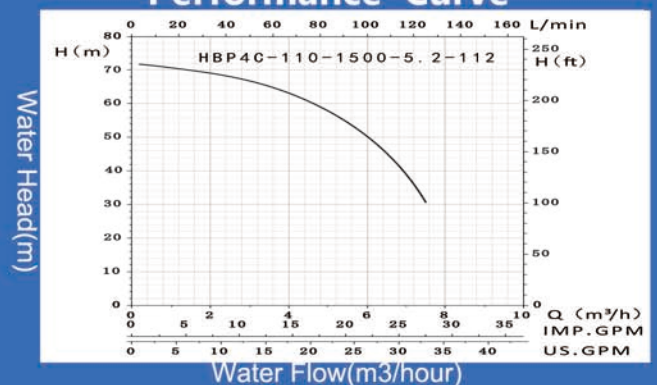
Length = 1000 mm

Diameter = 4"

Outlet= 1" 1/2



Performance Curve



HBP4C-110-1500-8.4-70

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

70m

MAX Water Flow/ hour :

8.4 m³/h



Technical Data

Pump Specifications	Centrifugal Pump 110V
Pump Outlet Dia.	40mm G 1 1/2
Adapting Well Dia.	100mm
Solar Pumping Controller Model	HBDC1500
Controlller Power	1500W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4C-110-1500-8.4-70
Motor Power	1500W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 15kgs

Solar Pump Gross Weight 22kgs

Solar Pump Volume 0.04m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

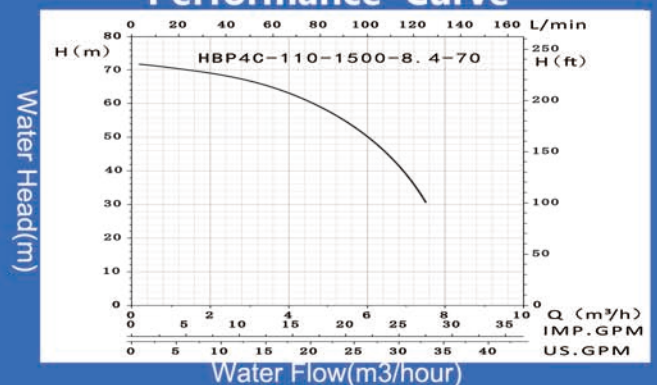
Length = 1000 mm

Diameter = 4"

Outlet= 1" 1/2



Performance Curve



HBP4S-48-500-2.6-85

Solar DC Pump



Performance

MAX Head :

85m

MAX Water Flow/ hour :

2.6 m³/h



Technical Data

Pump Specifications	Screw Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP3S-48-500-2.8-85
Motor Power	500W
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 0.03m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

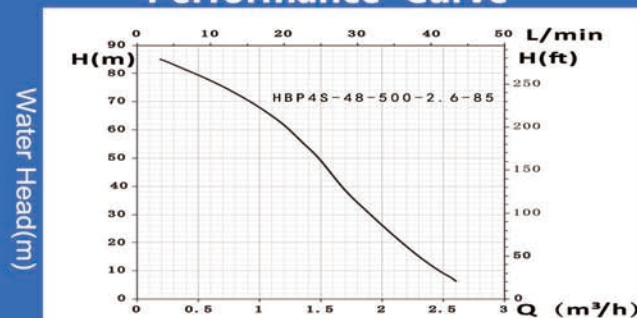
Length = 650 mm

Diameter = 3"

Outlet= 1"



Performance Curve



HBP4S-48-600-2.3-132

Solar DC Pump



Performance

MAX Head :

132m

MAX Water Flow/ hour :

2.3 m³/h



Technical Data

Pump Specifications	Screw Pump 48V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100 mm
Solar Pumping Controller Model	HBDC750
Controlller Power	750 W
Max. DC Input Voltage	100 V
Recommended MPPT Voltage	>48V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	HBP4S-48-600-2.3-132
Motor Power	600W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 14 kgs

Solar Pump Gross Weight 15 kgs

Solar Pump Volume 0.03m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

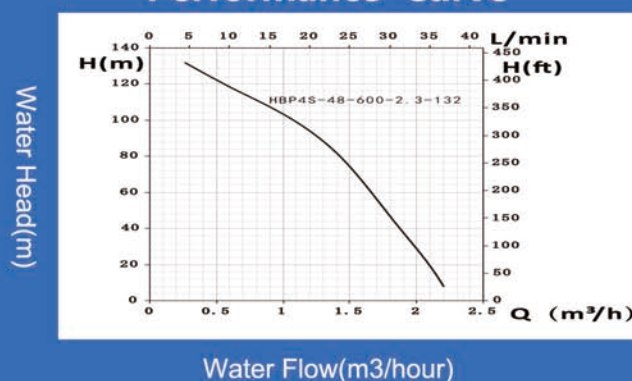
Length = 760 mm

Diameter = 4"

Outlet= 1"



Performance Curve



HBP4S-110-750-2.7-170

Solar DC Pump (Permanent Magnet)



Performance

MAX Head :

170m

MAX Water Flow/ hour :

2.7 m³/h



Technical Data

Pump Specifications	Screw Pump 110V
Pump Outlet Dia.	25mm G 1"
Adapting Well Dia.	100mm
Solar Pumping Controller Model	HBDC1100
Controller Power	1100 W
Max. DC Input Voltage	180 V
Recommended MPPT Voltage	>110V
Controller Ambient Temperature	-20 ~ 60 °C
Pump Model	H BP4S-110-750-2.7-170
Motor Power	750W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 °C

Solar Pump Net Weight 11.5kgs

Solar Pump Gross Weight 12 kgs

Solar Pump Volume 0.04m³

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

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Dimension, Weight and Material

Controller

Width = 250 mm

Height = 360 mm

Depth = 200 mm



Pump

Length = 850 mm

Diameter = 4"

Outlet= 1"



Performance Curve

