SPM3300S022S

Solartech Solar Pump

Performance

Water Head	25 - 11 m
Daily Water Flow	5 - 22 m³

Technical Data

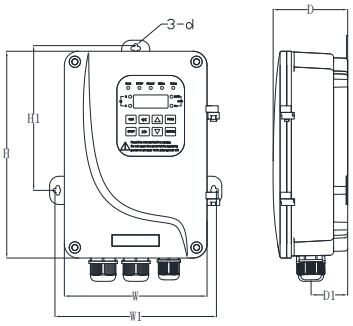
Pump Specifications	24V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM300S
Inverter Power	300 W
Max. DC Input Voltage	60 V
Recommended MPP Voltage	> 30V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-3-0.3S
Motor Power	300 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

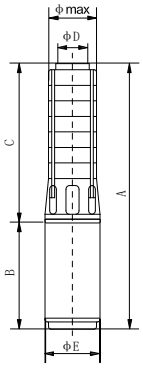
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 400 mm
B = 170 mm
C = 230 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	5.6 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	7.1 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.011 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

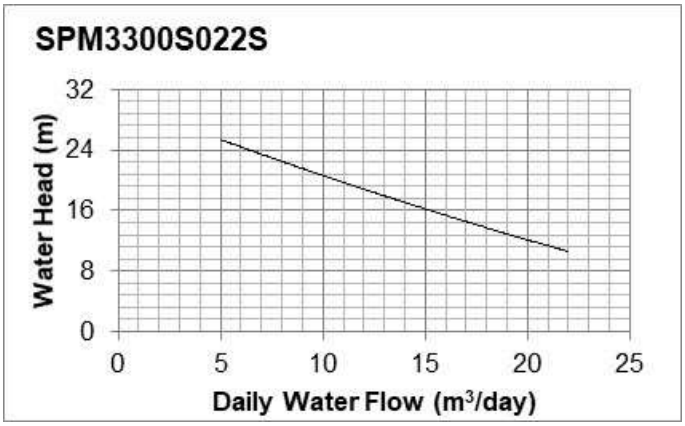
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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

SPM3600S025S

Solartech Solar Pump

Performance

Water Head	44 - 14 m
Daily Water Flow	5 - 25 m³

Technical Data

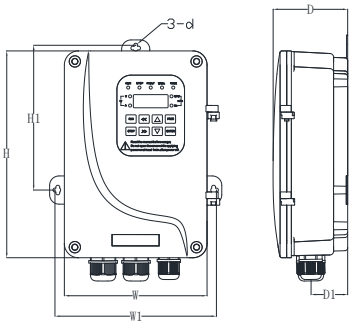
Pump Specifications	48V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM600S
Inverter Power	600 W
Max. DC Input Voltage	100 V
Recommended MPP Voltage	> 60V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-3-0.6S
Motor Power	600 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

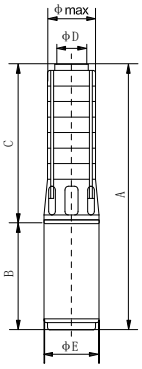
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 500 mm
B = 180 mm
C = 320 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	6.8 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	8.3 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.013 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

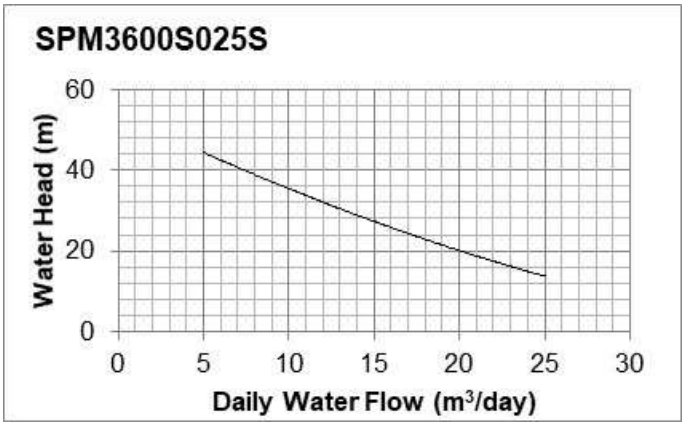
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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SPM31100S030S

Solartech Solar Pump

Performance

Water Head	73 - 18 m
Daily Water Flow	8 - 30 m³

Technical Data

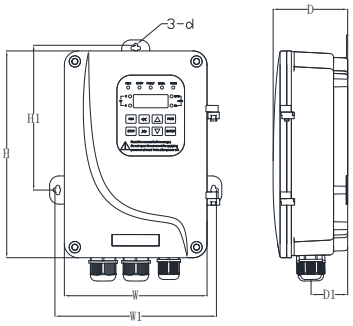
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-3-1.1S
Motor Power	1100 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

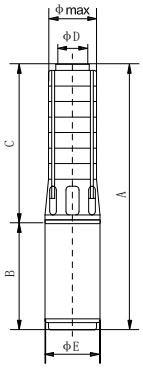
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 630 mm
B = 200 mm
C = 430 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	8.2 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	9.9 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.014 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

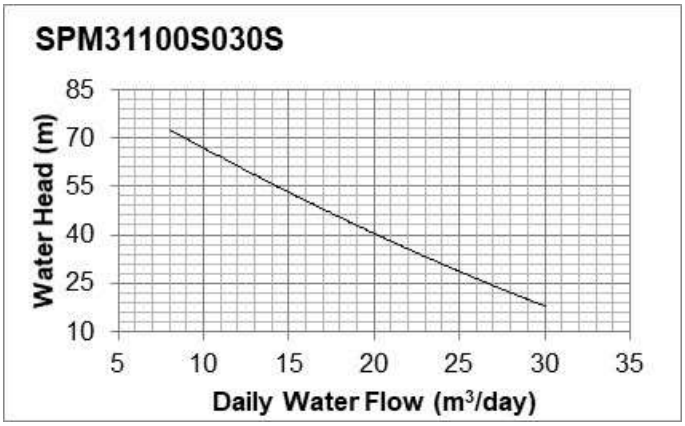
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



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V1.0 2202

SPM31500S030S

Solartech Solar Pump

Performance

Water Head	93 - 30 m
Daily Water Flow	10 - 30 m³

Technical Data

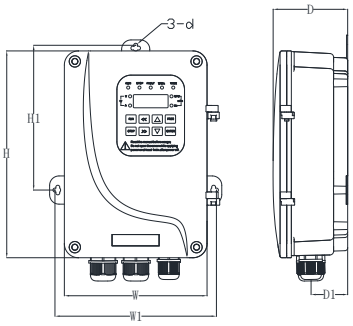
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-3-1.5S
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

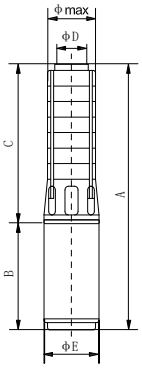
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 690 mm
B = 200 mm
C = 490 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	8.6 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	10.3 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.015 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

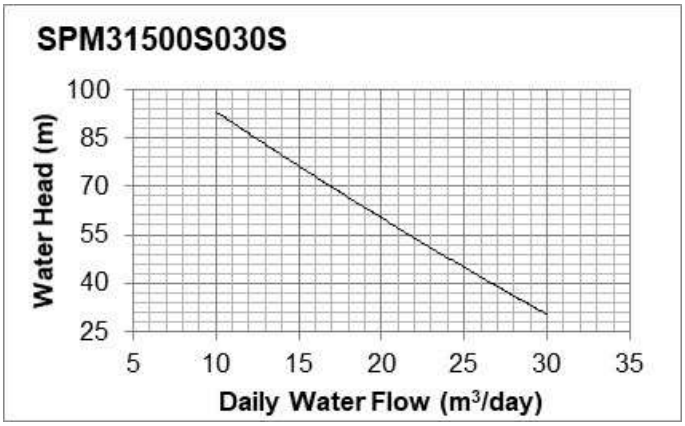
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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SPM3600S035S

Solartech Solar Pump

Performance

Water Head	25 - 8 m
Daily Water Flow	15 - 35 m³

Technical Data

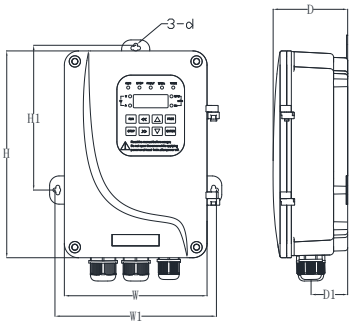
Pump Specifications	48V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM600S
Inverter Power	600 W
Max. DC Input Voltage	100 V
Recommended MPP Voltage	> 60V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-5-0.6S
Motor Power	600 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

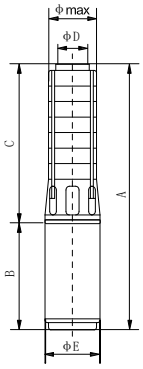
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 470 mm
B = 180 mm
C = 290 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	7.2 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	9.3 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.016 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

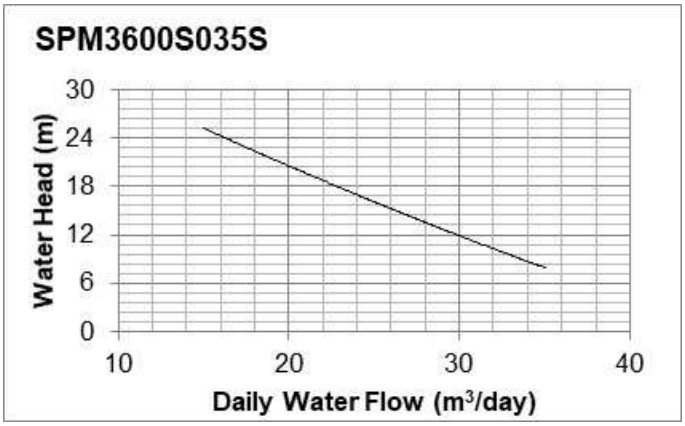
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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

SPM31100S035S

Solartech Solar Pump

Performance

Water Head	56 - 18 m
Daily Water Flow	15 - 35 m³

Technical Data

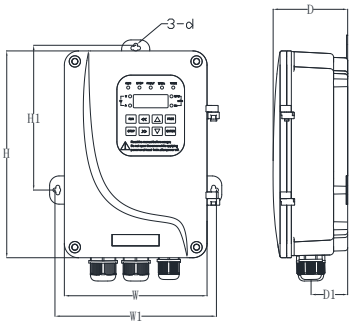
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-5-1.1S
Motor Power	1100 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

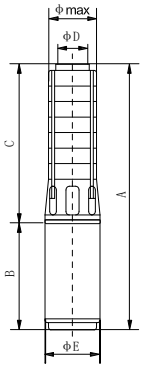
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 600 mm
B = 200 mm
C = 400 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	9 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	11.2 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.017 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

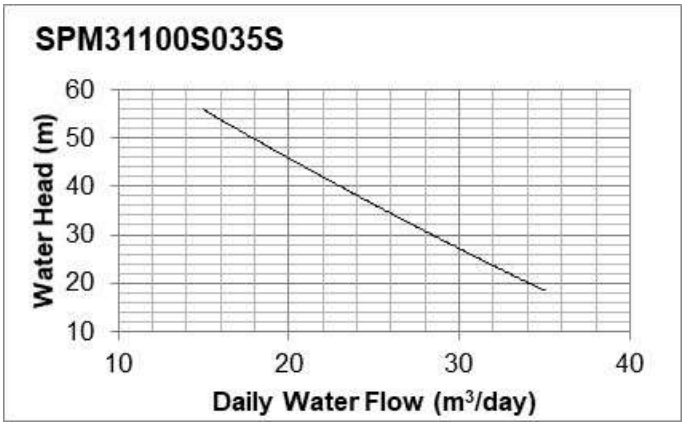
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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SPM31500S040S

Solartech Solar Pump



Performance

Water Head	69 - 20 m
Daily Water Flow	18 - 40 m³

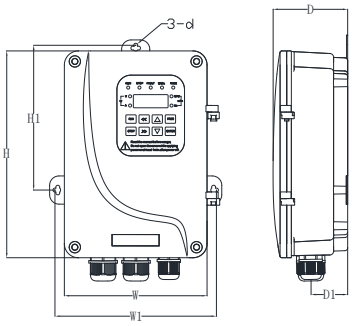
Technical Data

Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-5-1.5S
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃

Dimension, Weight and Material

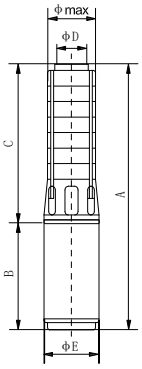
Inverter

W = 152 mm
H = 220 mm
D = 79 mm
W1 = 172 mm
H1 = 154 mm
D1 = 39 mm
d = 4.2 mm



Pump

A = 640 mm
B = 200 mm
C = 440 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	9.8 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	12.1 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.018 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

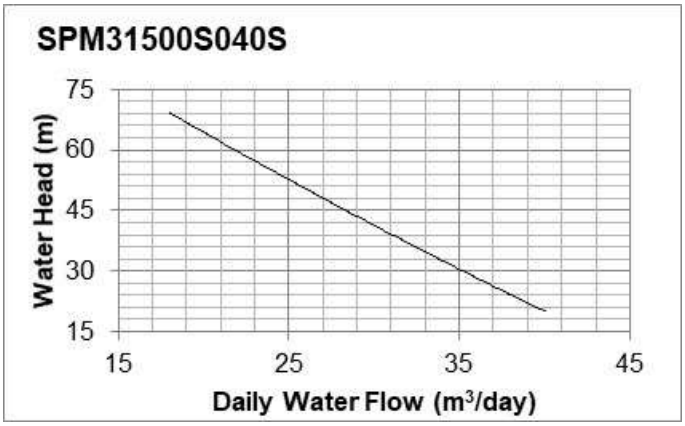
Standards

CE

EN 60335-1:2012+A11:2014
EN 60335-2-41:2003+A1:2004+A2:2010
EN 62109-1:2010
EN 62109-2:2011

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

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