SPM3300C018S

Solartech Solar Pump

Performance

Water Head	19 - 10 m
Daily Water Flow	10 - 18 m³

Technical Data

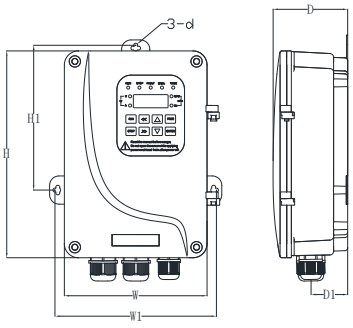
Pump Specifications	24V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM300S
Inverter Power	300 W
Max. DC Input Voltage	60 V
Recommended MPP Voltage	> 30V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-2-0.3C
Motor Power	300 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

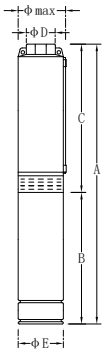
Inverter

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



Pump

A = 490 mm
B = 170 mm
C = 320 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	5.8 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	7.9 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.014 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

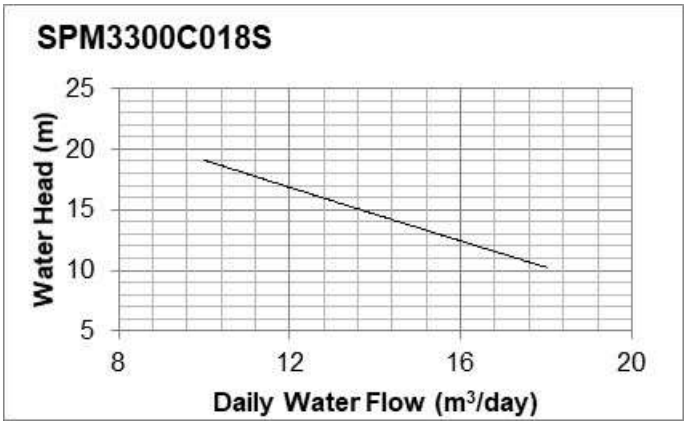
Standards

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



V1.0 2202

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

SPM3600C020S

Solartech Solar Pump

Performance

Water Head	46 - 17 m
Daily Water Flow	5 - 20 m³

Technical Data

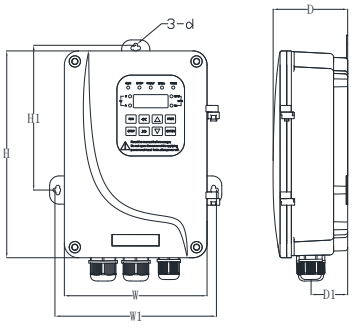
Pump Specifications	48V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM600S
Inverter Power	600 W
Max. DC Input Voltage	100 V
Recommended MPP Voltage	> 60V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-2-0.6C
Motor Power	600 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

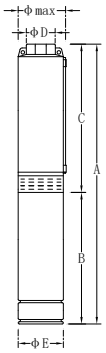
Inverter

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



Pump

A = 615 mm
B = 180 mm
C = 435 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	6.5 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	8.7 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.014 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

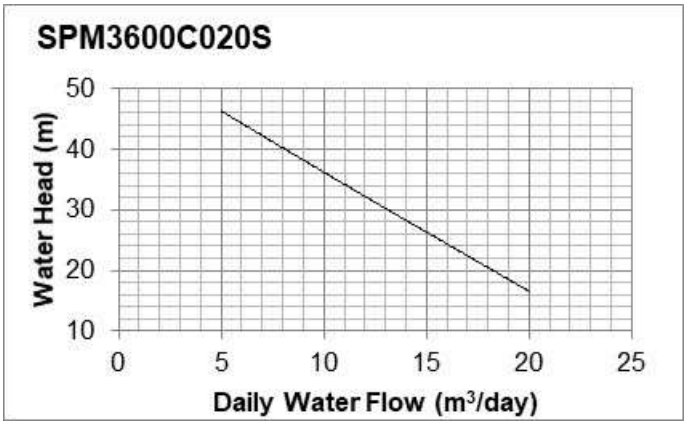
Standards

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



V1.0 2202

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

SPM31100C025S

Solartech Solar Pump

Performance

Water Head	73 - 21 m
Daily Water Flow	10 - 25 m³

Technical Data

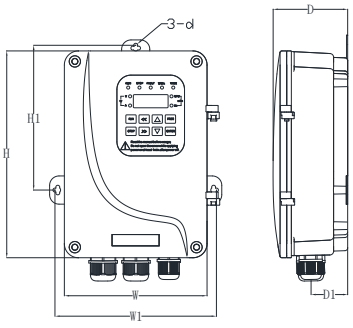
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-2-1.1C
Motor Power	1100 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

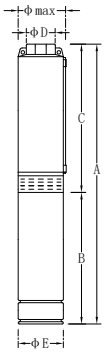
Inverter

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



Pump

A = 750 mm
B = 200 mm
C = 550 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	7.9 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	10.3 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.015 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

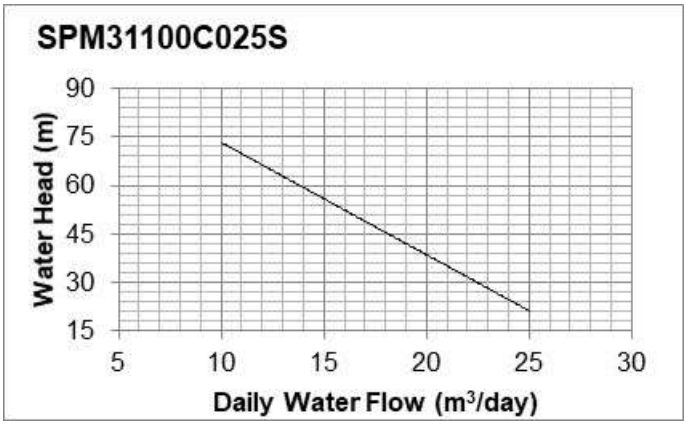
Standards

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

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

SPM31500C025S

Solartech Solar Pump

Performance

Water Head	87 - 43 m
Daily Water Flow	15 - 25 m³

Technical Data

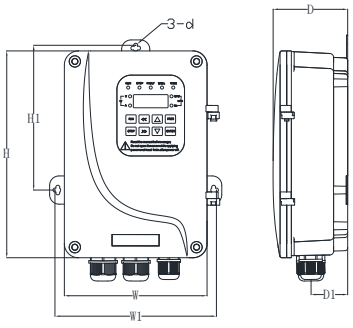
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-3-1.5C
Motor Power	1500 W
Pump Enclosure Class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



Dimension, Weight and Material

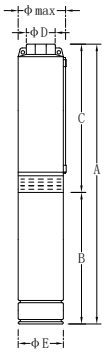
Inverter

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



Pump

A = 910 mm
B = 200 mm
C = 710 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	8.7 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	11.3 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.017 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

Standards

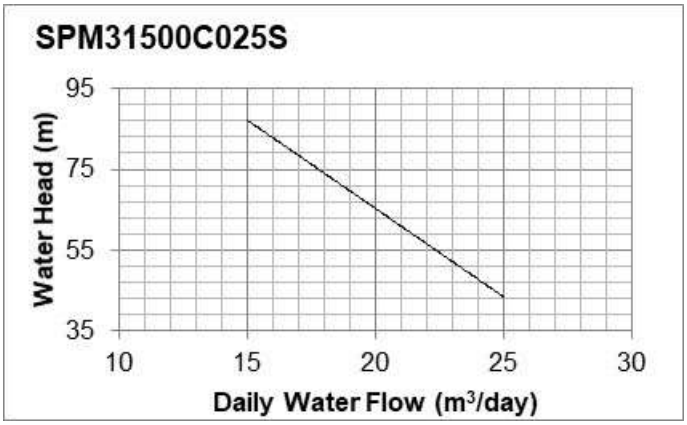
CE

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

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Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

SPM3600C030S

Solartech Solar Pump

Performance

Water Head	29 - 10 m
Daily Water Flow	10 - 30 m³

Technical Data

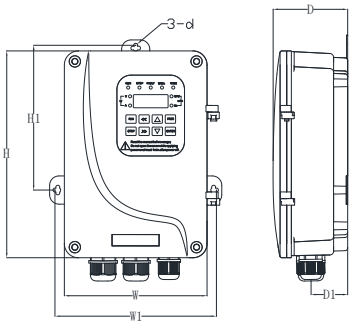
Pump Specifications	48V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM600S
Inverter Power	600 W
Max. DC Input Voltage	100 V
Recommended MPP Voltage	> 60V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-4-0.6C
Motor Power	600 W
Pump Enclosure Class	IP68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



Dimension, Weight and Material

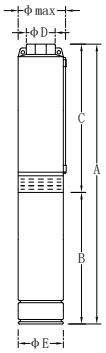
Inverter

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



Pump

A = 540 mm
B = 180 mm
C = 360 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	6.1 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	8.2 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.014 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

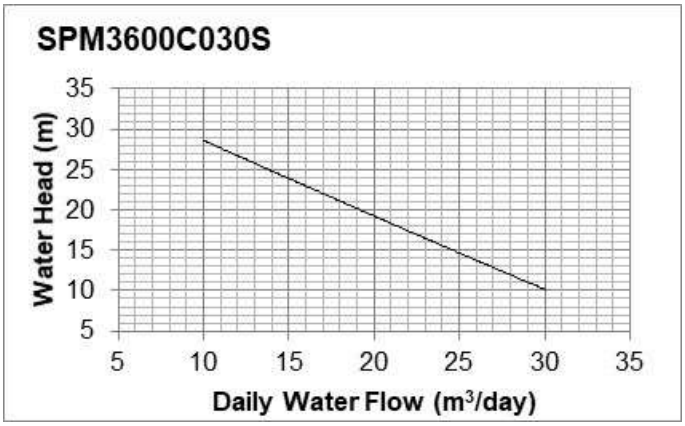
Standards

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



V1.0 2202

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

SPM31100C040S

Solartech Solar Pump

Performance

Water Head	55 - 10 m
Daily Water Flow	15 - 40 m³

Technical Data

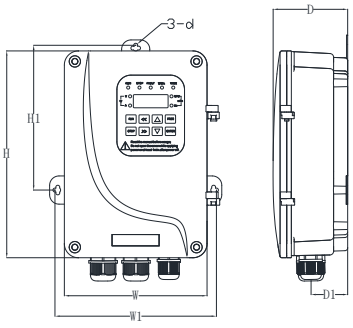
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-4-1.1C
Motor Power	1100 W
Pump Enclosure Class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



Dimension, Weight and Material

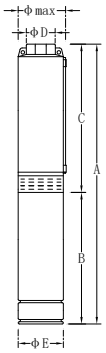
Inverter

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



Pump

A = 680 mm
B = 200 mm
C = 480 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	7.4 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	9.2 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.015 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

Standards

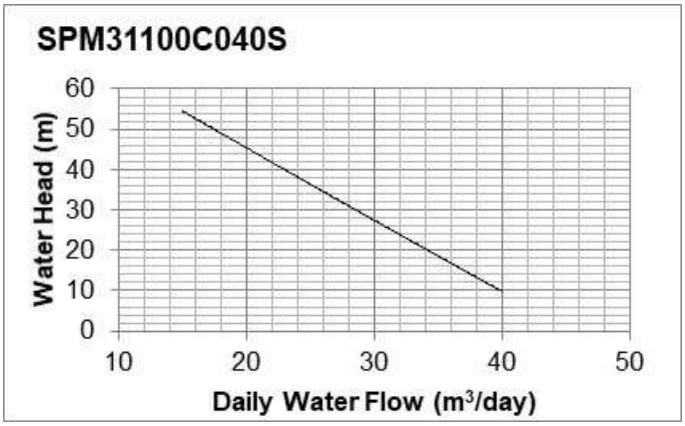
CE

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

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Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

SPM31500C040S

Solartech Solar Pump

Performance

Water Head	71 - 26 m
Daily Water Flow	20 - 40 m³

Technical Data

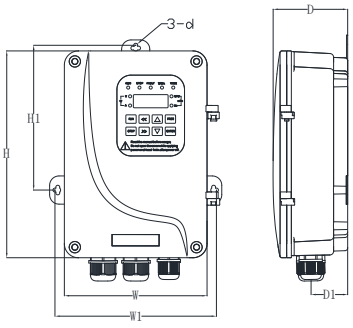
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-4-1.5C
Motor Power	1500 W
Pump Enclosure Class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



Dimension, Weight and Material

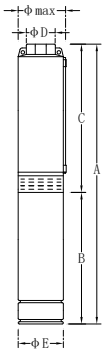
Inverter

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



Pump

A = 820 mm
B = 200 mm
C = 620 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	8.2 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	10.6 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.016 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

Standards

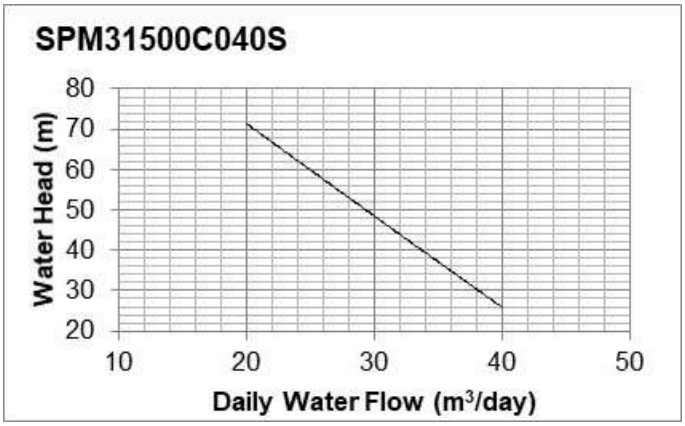
CE

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

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Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

SPM3750C042S

Solartech Solar Pump

Performance

Water Head	27 - 11 m
Daily Water Flow	20 - 42 m³

Technical Data

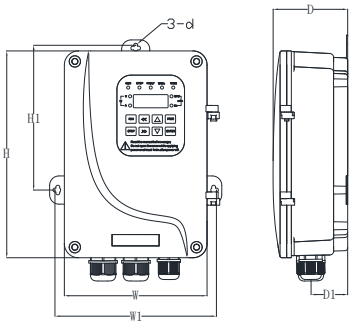
Pump Specifications	72V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM750S
Inverter Power	750 W
Max. DC Input Voltage	150 V
Recommended MPP Voltage	> 90V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-5-0.75C
Motor Power	750 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

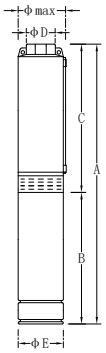
Inverter

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



Pump

A = 560 mm
B = 180 mm
C = 380 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	6.6 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	8.2 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.014 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

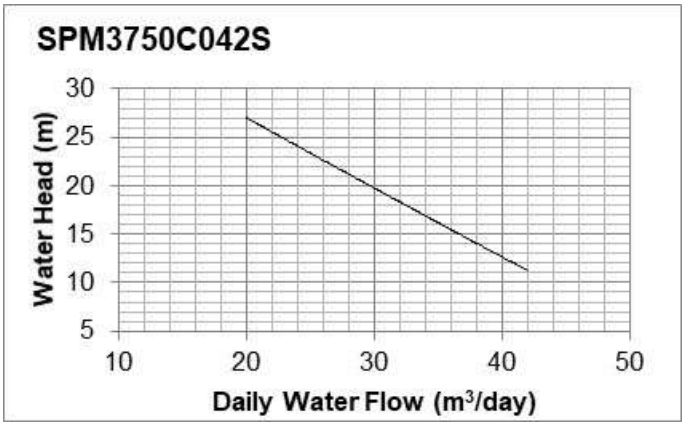
Standards

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



V1.0 2202

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

SPM31500C045S

Solartech Solar Pump

Performance

Water Head	42 - 29 m
Daily Water Flow	35 - 45 m³

Technical Data

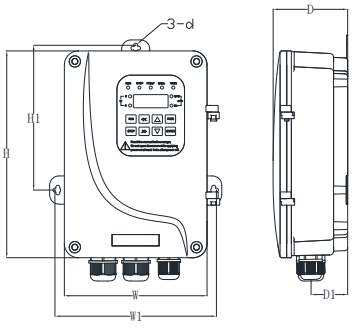
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	1"1/4
Adapting Well Dia.	100 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM3-5-1.5C
Motor Power	1500 W
Pump Enclosure Class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



Dimension, Weight and Material

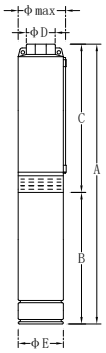
Inverter

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



Pump

A = 720 mm
B = 200 mm
C = 520 mm
ΦD = G1"1/4
ΦE = 74 mm
Φmax = 75 mm



Solar Pump Net Weight	7.8 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	9.6 kg	Pump Body Material	AISI 201
Solar Pump Volume	0.015 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

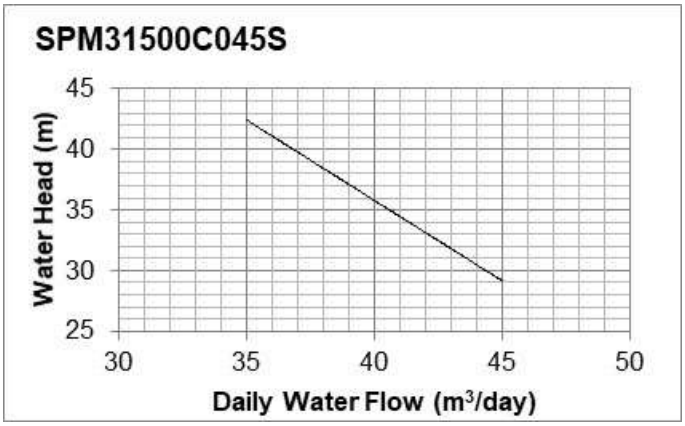
Standards

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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