SPM4750S050S

Solartech Solar Pump

Performance

Water Head	18 - 10 m
Daily Water Flow	35 - 50 m³

Technical Data

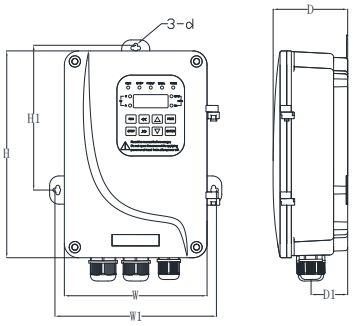
Pump Specifications	72V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM750S
Inverter Power	750 W
Max. DC Input Voltage	150 V
Recommended MPP Voltage	> 90V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-7-0.75S
Motor Power	750 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

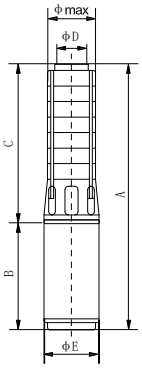
Inverter

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



Pump

A = 490 mm
B = 220 mm
C = 270 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	8.7 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	10.7 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

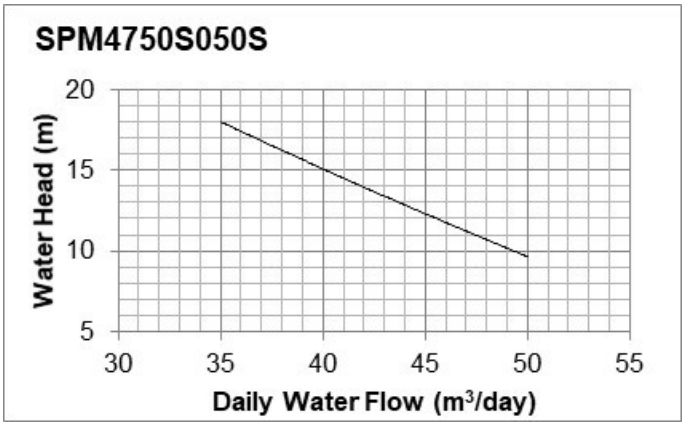
CE

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

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

Performance Curve

Solar Radiation: 6kWh/m²/day



V1.0 2202

SPM41500S060S

Solartech Solar Pump



Performance

Water Head	40 - 17 m
Daily Water Flow	35 - 60 m³

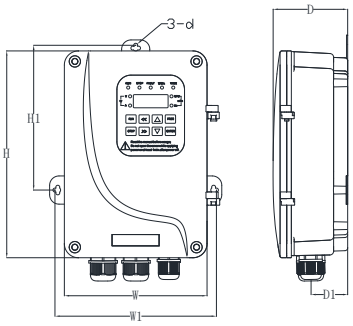
Technical Data

Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 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	SPM4-7-1.5S
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

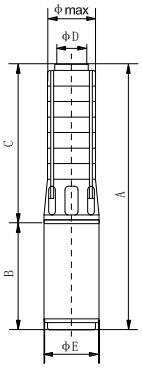
Inverter

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



Pump

A = 550 mm
B = 230 mm
C = 320 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	9.6 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	11.7 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

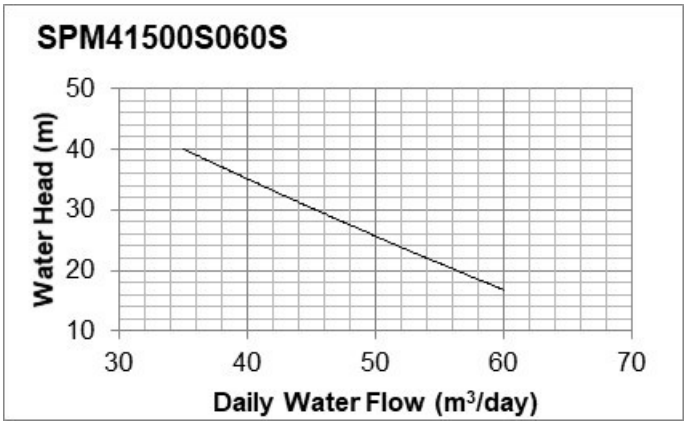
Standards

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

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

SPM41500S100S

Solartech Solar Pump

Performance

Water Head	30 - 9 m
Daily Water Flow	45 - 100 m³

Technical Data

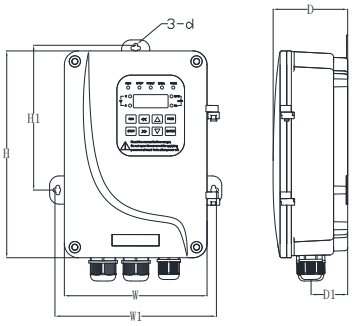
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-12-1.5S
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

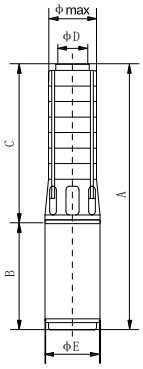
Inverter

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



Pump

A = 595 mm
B = 230 mm
C = 365 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	10.2 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	12.3 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

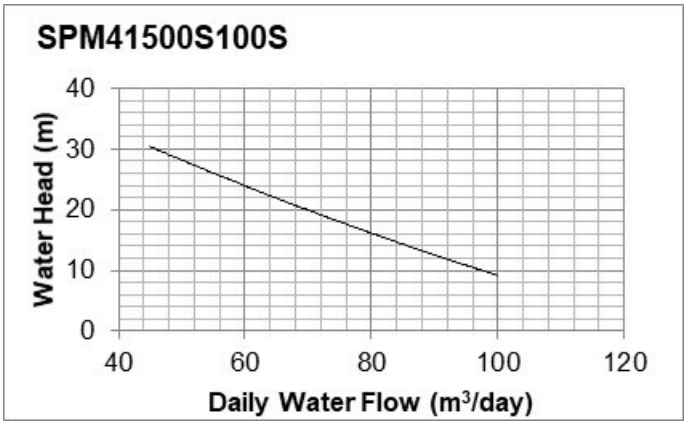
Standards

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

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

SPM41500S110S

Solartech Solar Pump

Performance

Water Head	14 - 10 m
Daily Water Flow	85 - 110 m³

Technical Data

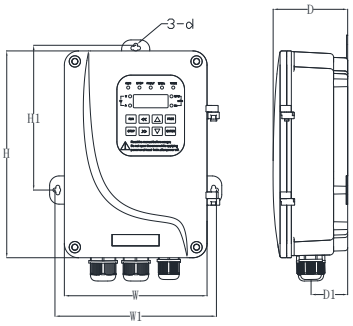
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-14-1.5S
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

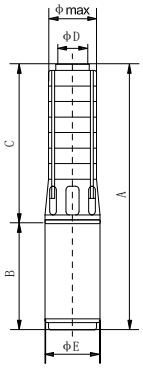
Inverter

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



Pump

A = 525 mm
B = 230 mm
C = 295 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	10.1 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	12.4 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

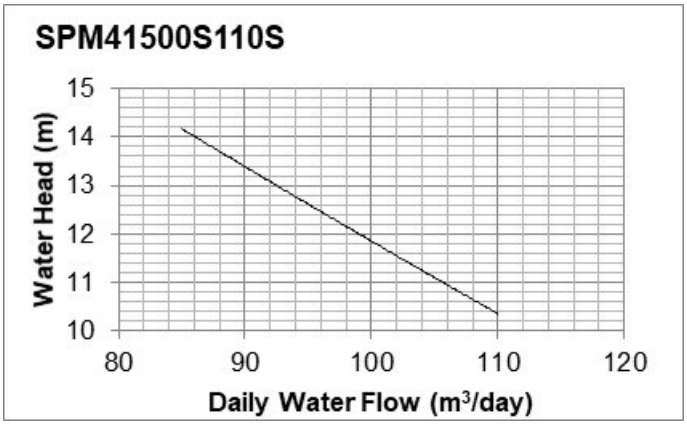
Standards

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

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

SPM61500S160S

Solartech Solar Pump

Performance

Water Head	18 - 8 m
Daily Water Flow	70 - 160 m³

Technical Data

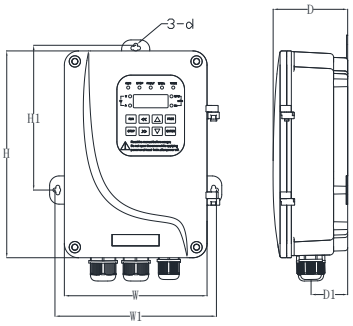
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	3"
Adapting Well Dia.	200 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM6-17-1.5S
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

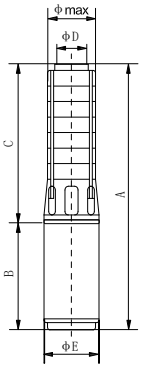
Inverter

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



Pump

A = 600 mm
B = 280 mm
C = 320 mm
ΦD = G3"
ΦE = 96 mm
Φmax = 145 mm



Solar Pump Net Weight	12.4 kg	Pump Impeller Material	AISI 304
Solar Pump Gross Weight	14.8 kg	Pump Body Material	AISI 304
Solar Pump Volume	0.027 m³	Inverter Enclosure Material	Aluminium Alloy

Relevant Information

Warranty

Inverter	3 years
Pump	1 year

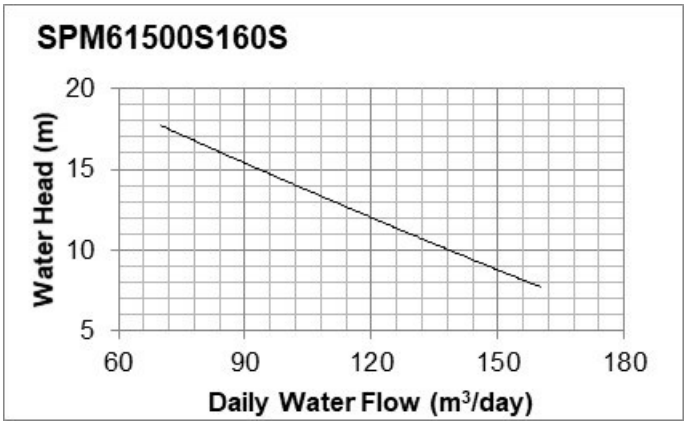
Standards

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.