SPM4750C050S

Solartech Solar Pump

Performance

Water Head	26 - 9 m
Daily Water Flow	20 - 50 m³

Technical Data

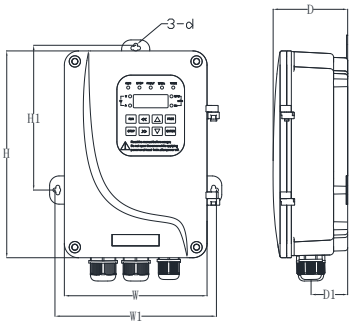
Pump Specifications	72V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM750S
Inverter Power	750 W
Max. DC Input Voltage	150 V
Recommended MPP Voltage	> 90V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-5-0.75C
Motor Power	750 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

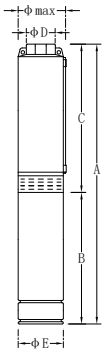
Inverter

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



Pump

A = 520 mm
B = 220 mm
C = 300 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	8.4 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	10.1 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

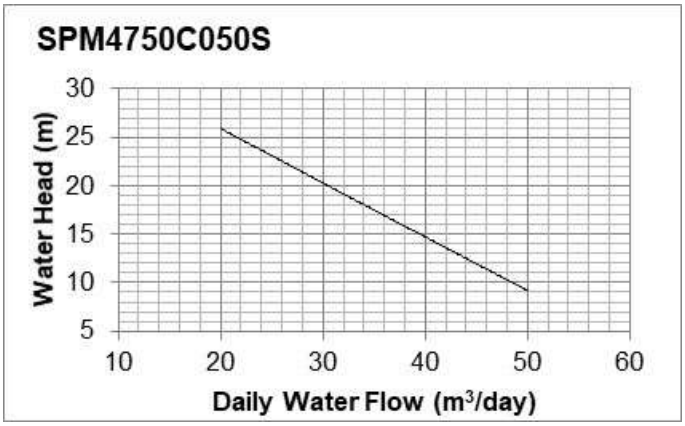
Standards

CE

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

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.

SPM41100C055S

Solartech Solar Pump

Performance

Water Head	37 - 11 m
Daily Water Flow	20 - 55 m³

Technical Data

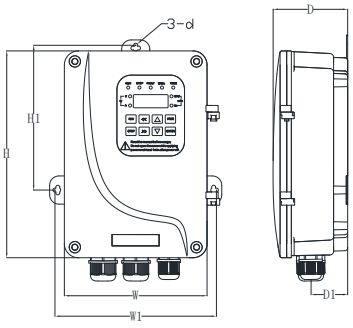
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-5-1.1C
Motor Power	1100 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

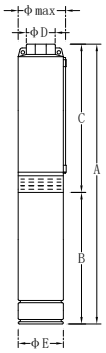
Inverter

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



Pump

A = 560 mm
B = 230 mm
C = 330 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	8.9 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	10.7 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

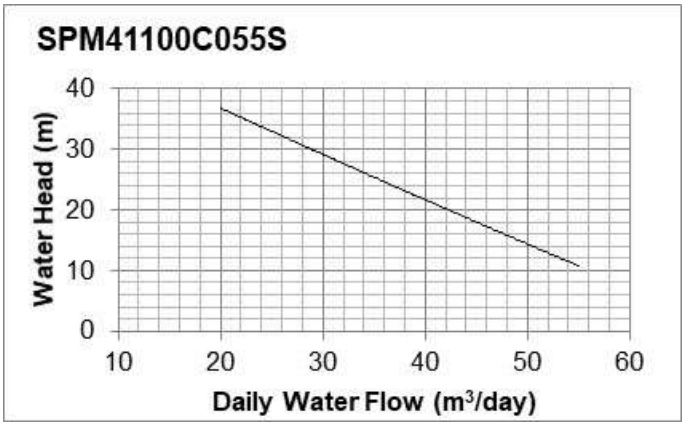
Standards

CE

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

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.

SPM41500C055S

Solartech Solar Pump

Performance

Water Head	53 - 17 m
Daily Water Flow	25 - 55 m³

Technical Data

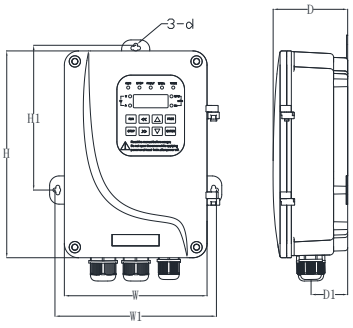
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-5-1.5C
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

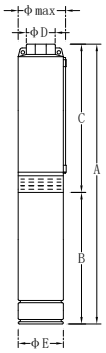
Inverter

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



Pump

A = 620 mm
B = 230 mm
C = 390 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	9.3 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	11.1 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

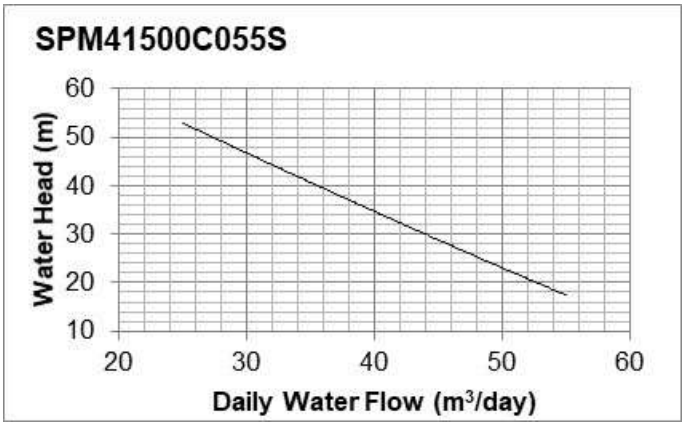
CE

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

SPM4750C060S

Solartech Solar Pump

Performance

Water Head	20 - 9 m
Daily Water Flow	20 - 60 m³

Technical Data

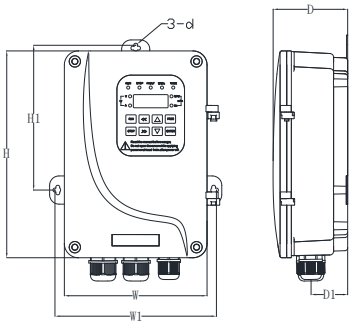
Pump Specifications	72V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM750S
Inverter Power	750 W
Max. DC Input Voltage	150 V
Recommended MPP Voltage	> 90V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-8-0.75C
Motor Power	750 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

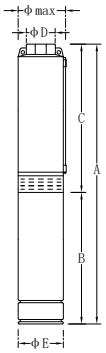
Inverter

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



Pump

A = 535 mm
B = 220 mm
C = 315 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	8.9 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	11.2 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

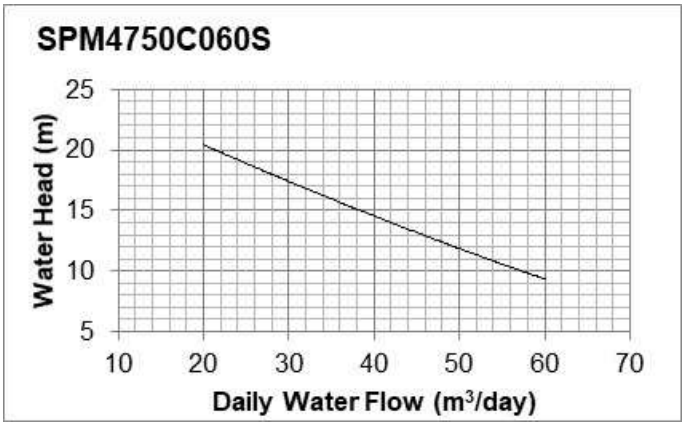
Standards

CE

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

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.

SPM41100C070S

Solartech Solar Pump

Performance

Water Head	31 - 12 m
Daily Water Flow	20 - 70 m³

Technical Data

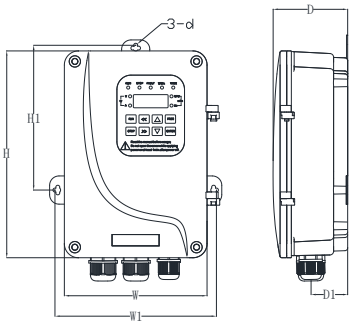
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1100S
Inverter Power	1100 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-8-1.1C
Motor Power	1100 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

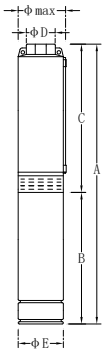
Inverter

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



Pump

A = 575 mm
B = 230 mm
C = 345 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	9.6 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	12 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

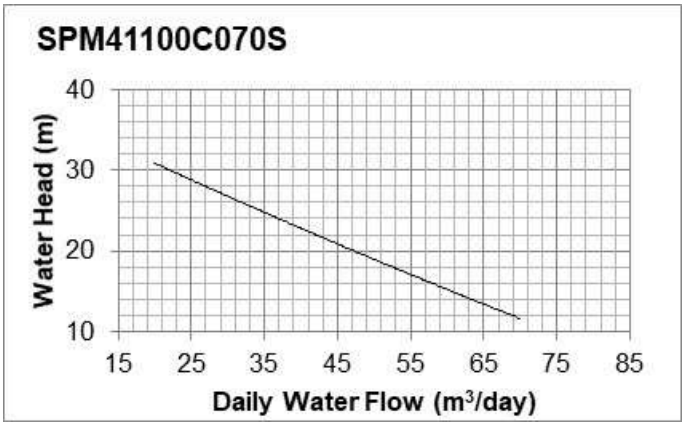
Standards

CE

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

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.

SPM41500C080S

Solartech Solar Pump

Performance

Water Head	38 - 16 m
Daily Water Flow	35 - 80 m³

Technical Data

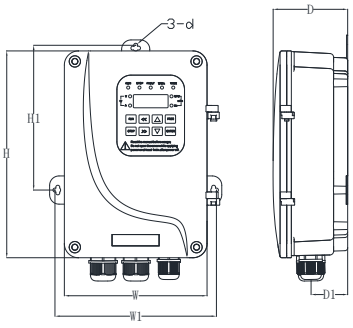
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-8-1.5C
Motor Power	1500 W
Pump Enclosure Class	IP68
Ambient Water pH Range	6.5 - 8.0
Ambient Water Temperature	1 - 35 ℃



Dimension, Weight and Material

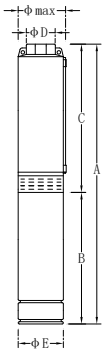
Inverter

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



Pump

A = 605 mm
B = 230 mm
C = 375 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	10 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	12.4 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

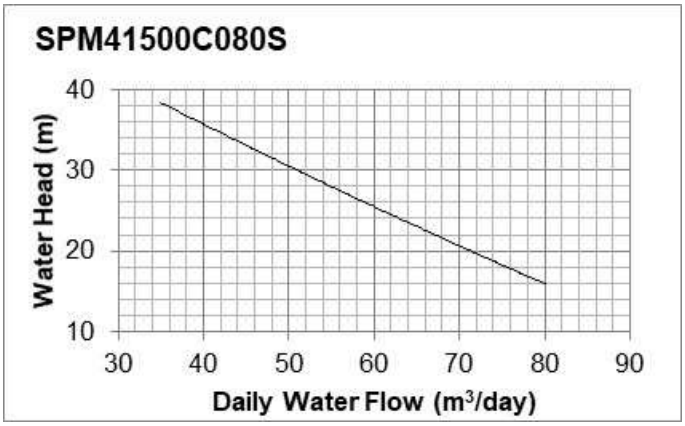
Standards

CE

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

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.

SPM41500C110S

Solartech Solar Pump

Performance

Water Head	19 - 10 m
Daily Water Flow	70 - 110 m³

Technical Data

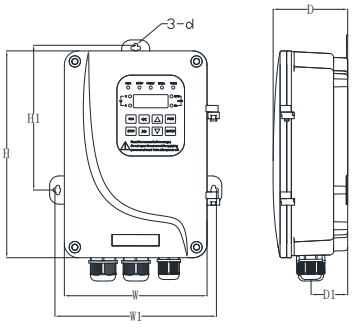
Pump Specifications	110V 4000rpm
Pump Outlet Dia.	2"
Adapting Well Dia.	125 mm
Solar Pumping Inverter Model	PM1500S
Inverter Power	1500 W
Max. DC Input Voltage	200 V
Recommended MPP Voltage	> 120V
Inverter Ambient Temperature	-20 ~ 60 ℃
Pump Model	SPM4-14-1.5C
Motor Power	1500 W
Pump Enclosure Class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



Dimension, Weight and Material

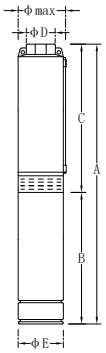
Inverter

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



Pump

A = 565 mm
B = 230 mm
C = 335 mm
ΦD = G2"
ΦE = 96 mm
Φmax = 100 mm



Solar Pump Net Weight	9.5 kg	Pump Impeller Material	POM
Solar Pump Gross Weight	11.9 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

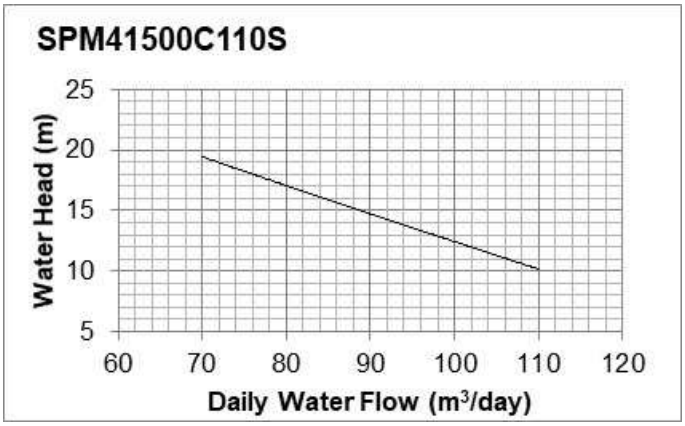
Standards

CE

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

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.