SOLAR WATER &

BOREHOLE PUMP CHARTS FOR :

LORENTZ PS1800

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SOLAR MAN

Silver Lakes, Pretoria East, South Africa

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| Info2@solarm.co.za | www.solarm.co.za |

PS1800 C-SJ1-25

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1156
Total dynamic head	max. 100 m
Flow rate	max. 2,9 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ1-25

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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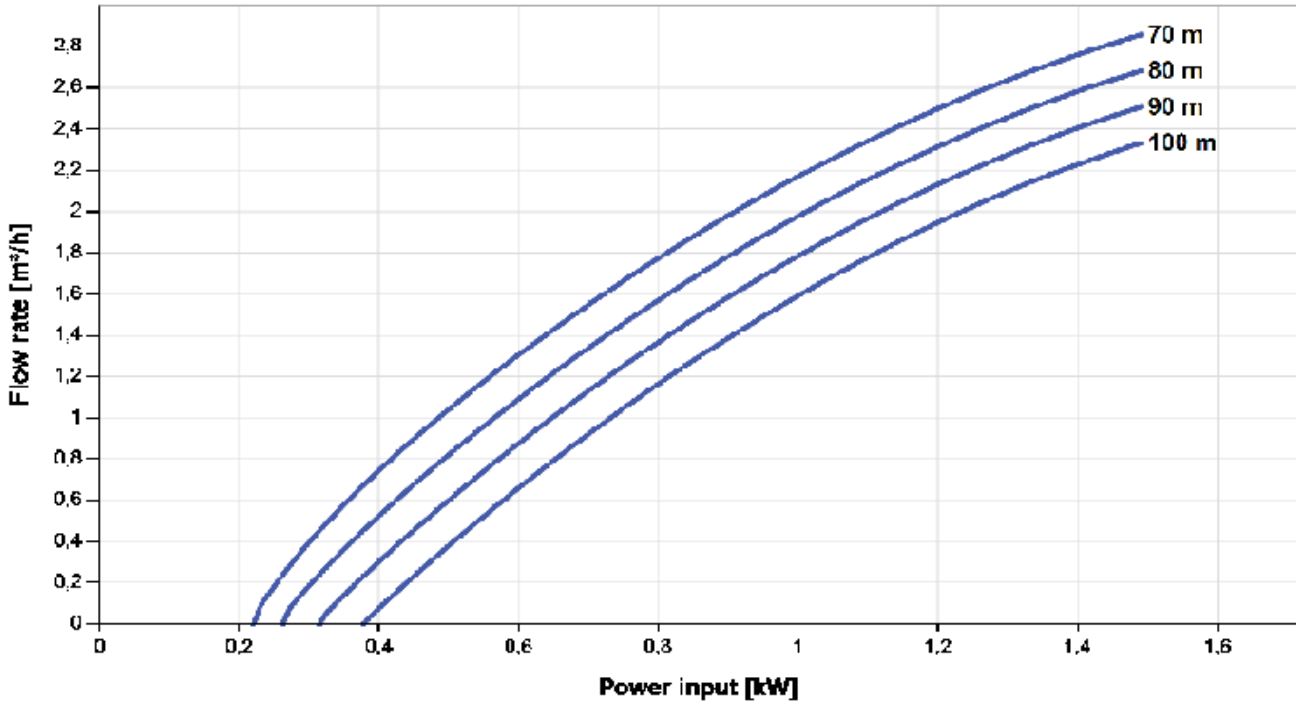
PS1800 C-SJ1-25

Solar submersible pump system for 4" wells

Pump chart

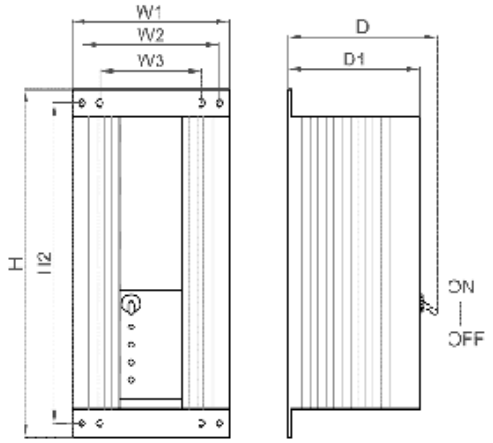
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

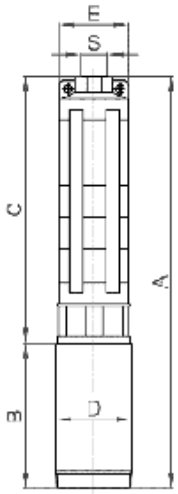
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 881 mm
B = 185 mm
C = 696 mm
D = 96 mm
E = 98 mm
S = 1,25 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	16 kg	970x160x150 mm	0,023 m³	17 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	9,0 kg	850x160x150 mm	0,020 m³	9,6 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 C-SJ3-18

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1160
Total dynamic head	max. 80 m
Flow rate	max. 4,0 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ3-18

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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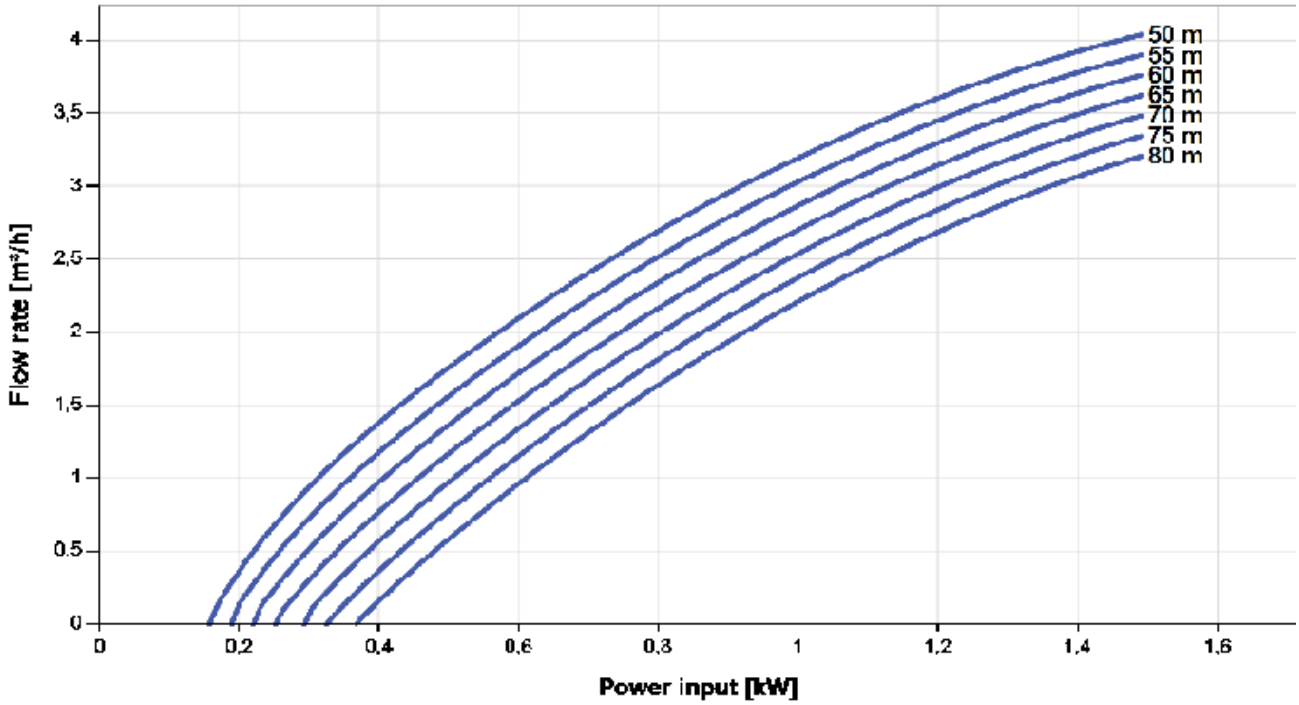
PS1800 C-SJ3-18

Solar submersible pump system for 4" wells

Pump chart

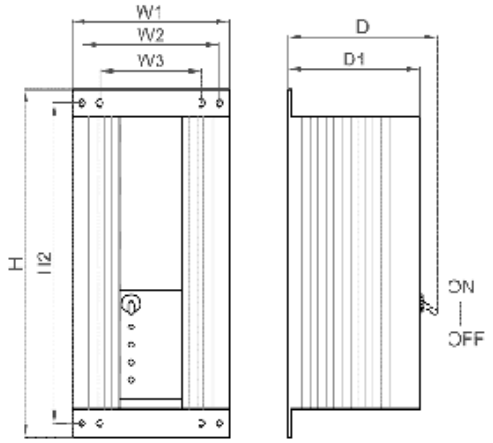
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

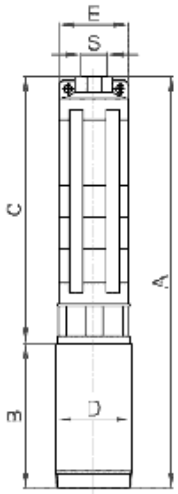
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 715 mm
B = 185 mm
C = 530 mm
D = 96 mm
E = 98 mm
S = 1,25 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	14 kg	850x160x150 mm	0,020 m³	14 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	6,5 kg	650x160x150 mm	0,016 m³	7,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 C-SJ5-12

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1163
Total dynamic head	max. 70 m
Flow rate	max. 7,6 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ5-12

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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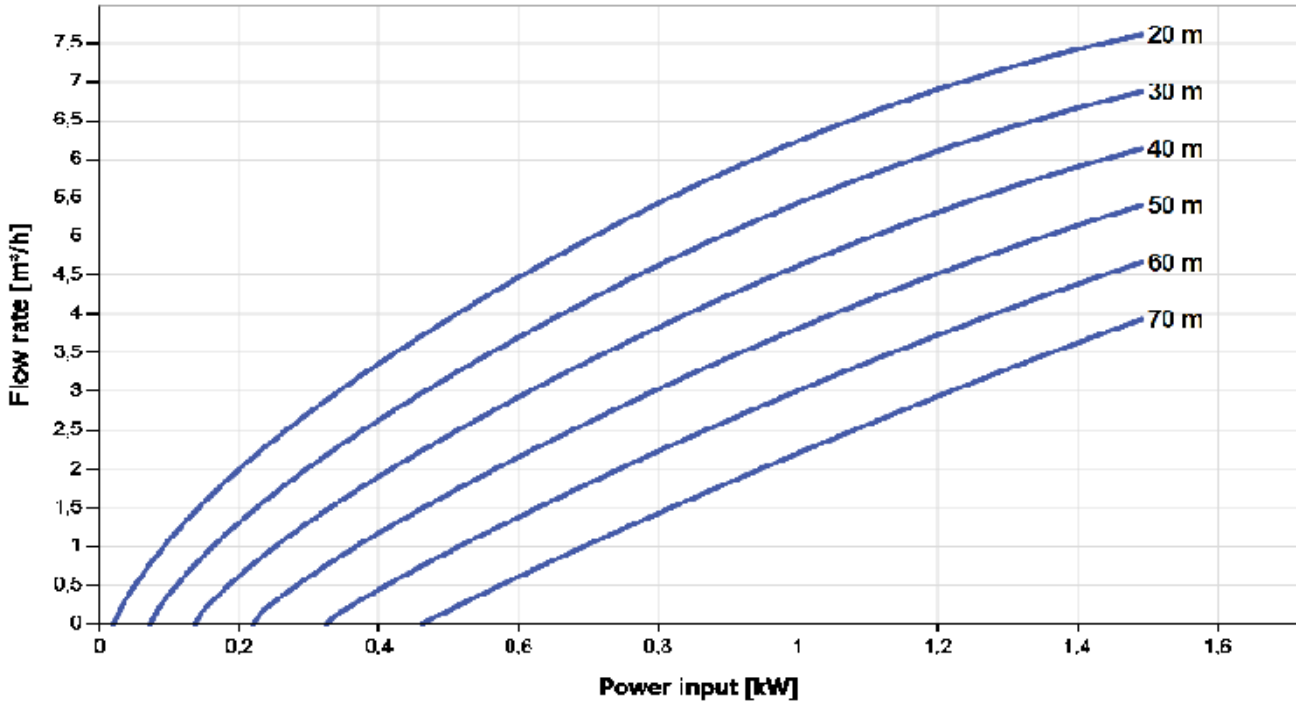
PS1800 C-SJ5-12

Solar submersible pump system for 4" wells

Pump chart

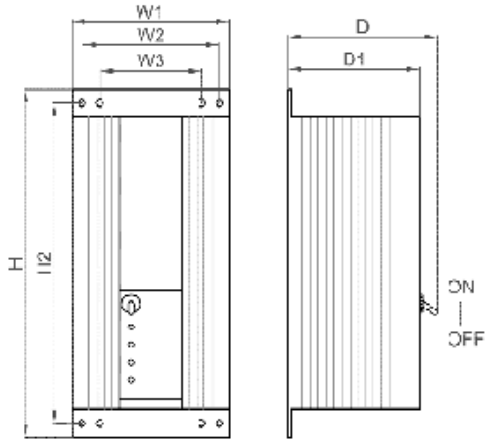
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

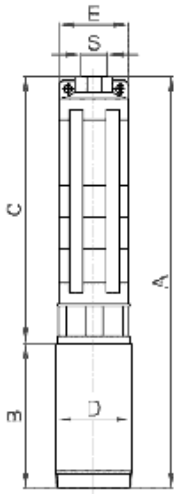
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 611 mm
B = 185 mm
C = 426 mm
D = 96 mm
E = 98 mm
S = 1,5 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	14 kg	690x160x150 mm	0,017 m³	14 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	6,5 kg	650x160x150 mm	0,016 m³	7,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 C-SJ8-7

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1169
Total dynamic head	max. 40 m
Flow rate	max. 13 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ8-7

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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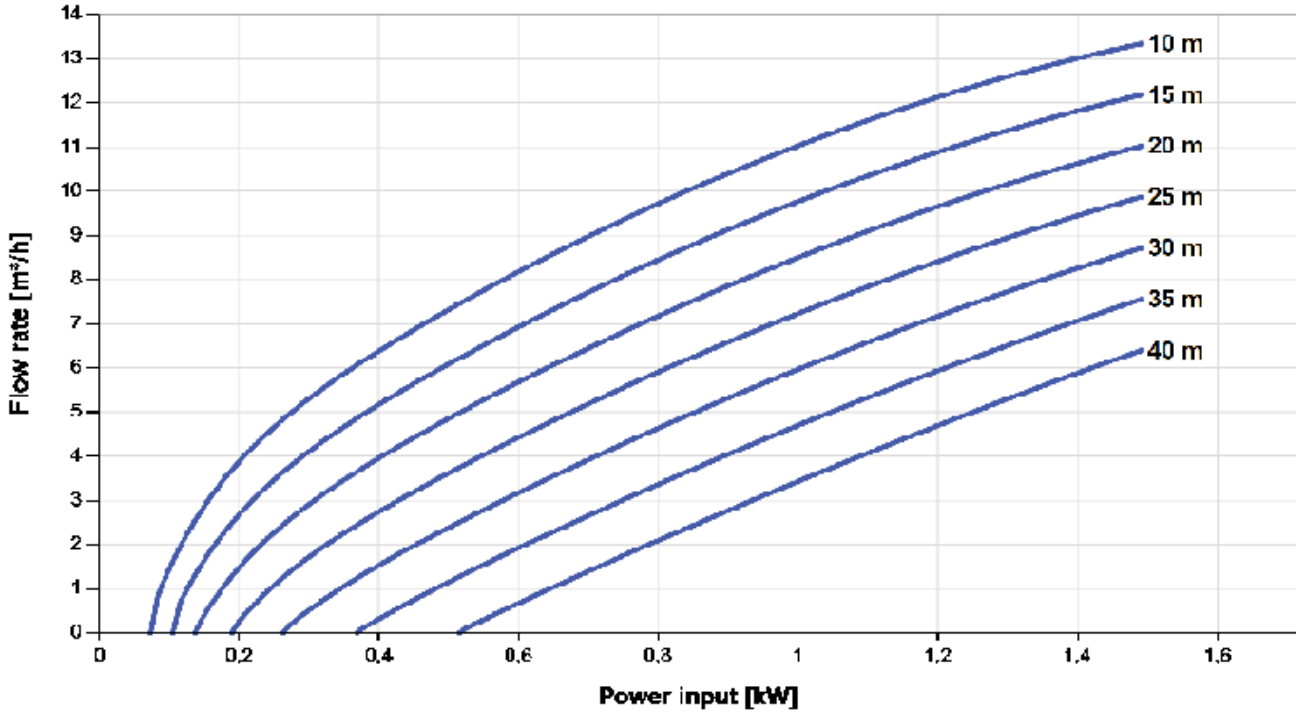
PS1800 C-SJ8-7

Solar submersible pump system for 4" wells

Pump chart

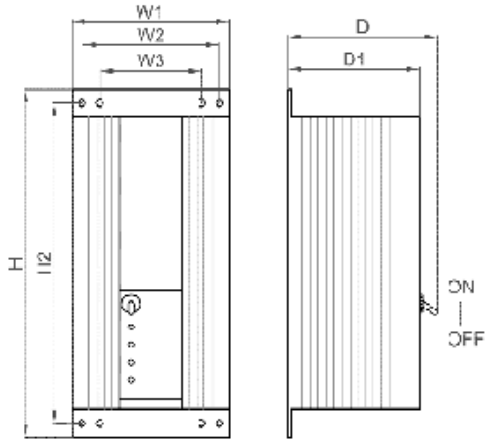
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

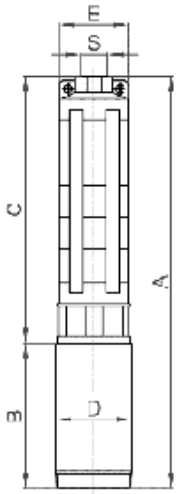
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 684 mm
B = 185 mm
C = 499 mm
D = 96 mm
E = 98 mm
S = 2 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	14 kg	850x160x150 mm	0,020 m³	14 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	6,5 kg	650x160x150 mm	0,016 m³	7,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 C-SJ12-4

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1167
Total dynamic head	max. 18 m
Flow rate	max. 20 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ12-4

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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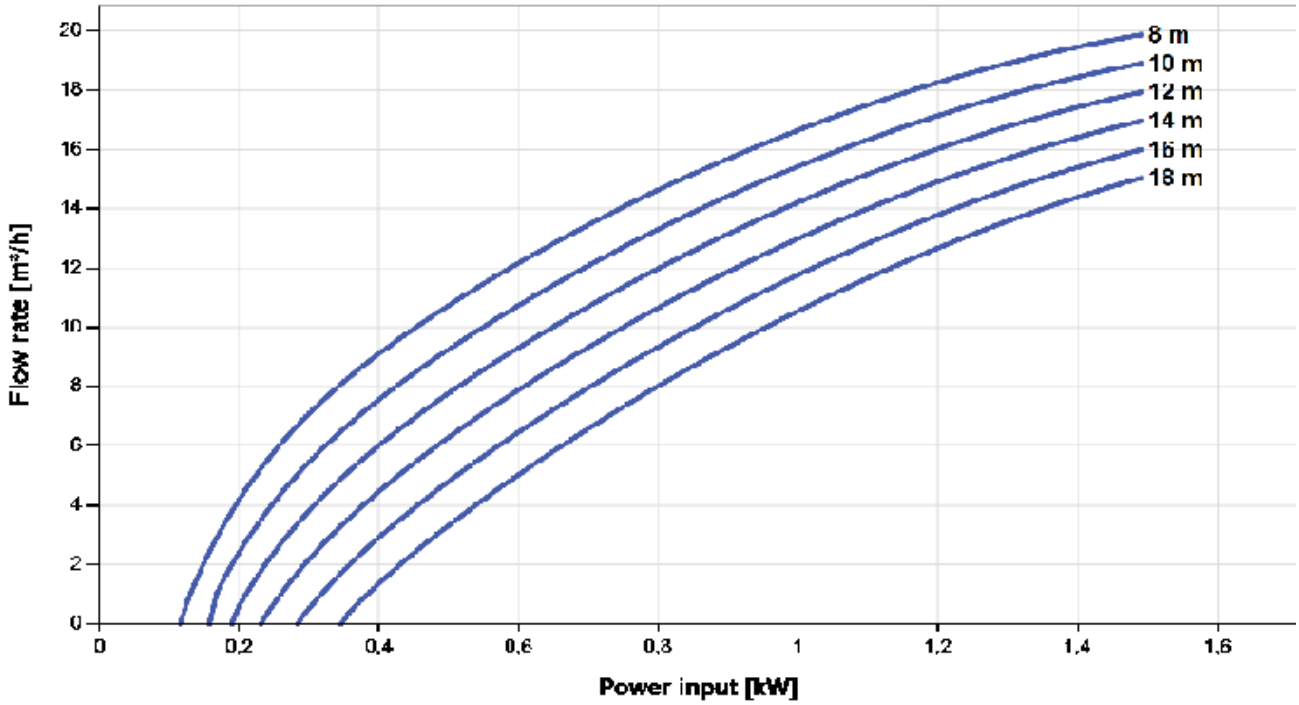
PS1800 C-SJ12-4

Solar submersible pump system for 4" wells

Pump chart

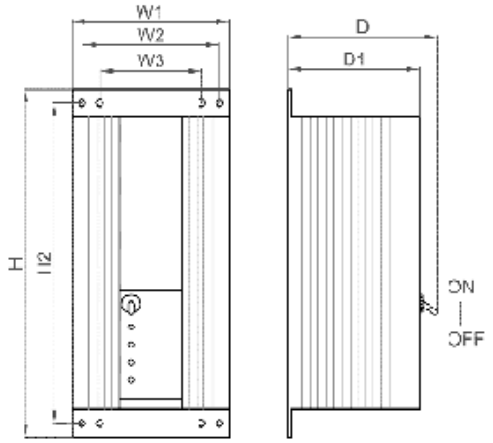
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

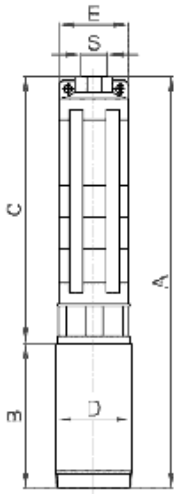
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 665 mm
B = 185 mm
C = 480 mm
D = 96 mm
E = 98 mm
S = 2 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	13 kg	850x160x150 mm	0,020 m³	14 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	6,0 kg	650x160x150 mm	0,016 m³	6,5 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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Sun. Water. Life.

PS1800 C-SJ17-2

Solar submersible pump system for 6" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1168
Total dynamic head	max. 16 m
Flow rate	max. 26 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ17-2

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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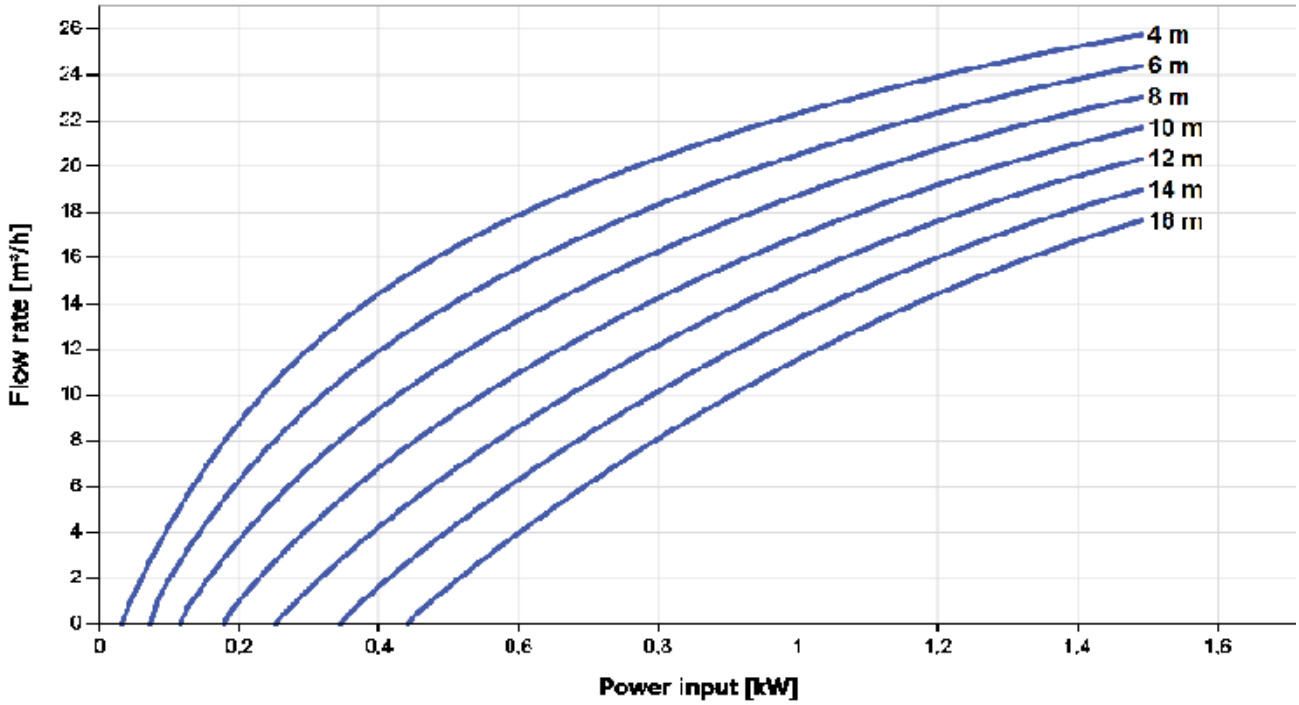
PS1800 C-SJ17-2

Solar submersible pump system for 6" wells

Pump chart

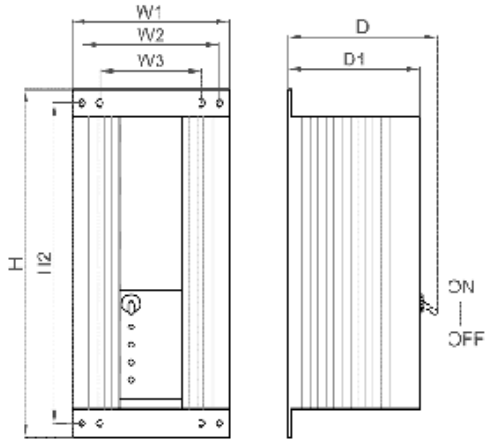
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

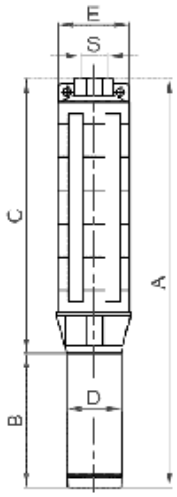
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 577 mm
B = 185 mm
C = 392 mm
D = 96 mm
E = 133 mm
S = 2,5 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	16 kg	650x160x150 mm	0,016 m³	16 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	8,5 kg	650x160x150 mm	0,016 m³	9,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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Sun. Water. Life.

PS1800 C-SJ30-1

Solar submersible pump system for 6" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1172
Total dynamic head	max. 10 m
Flow rate	max. 49 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ30-1

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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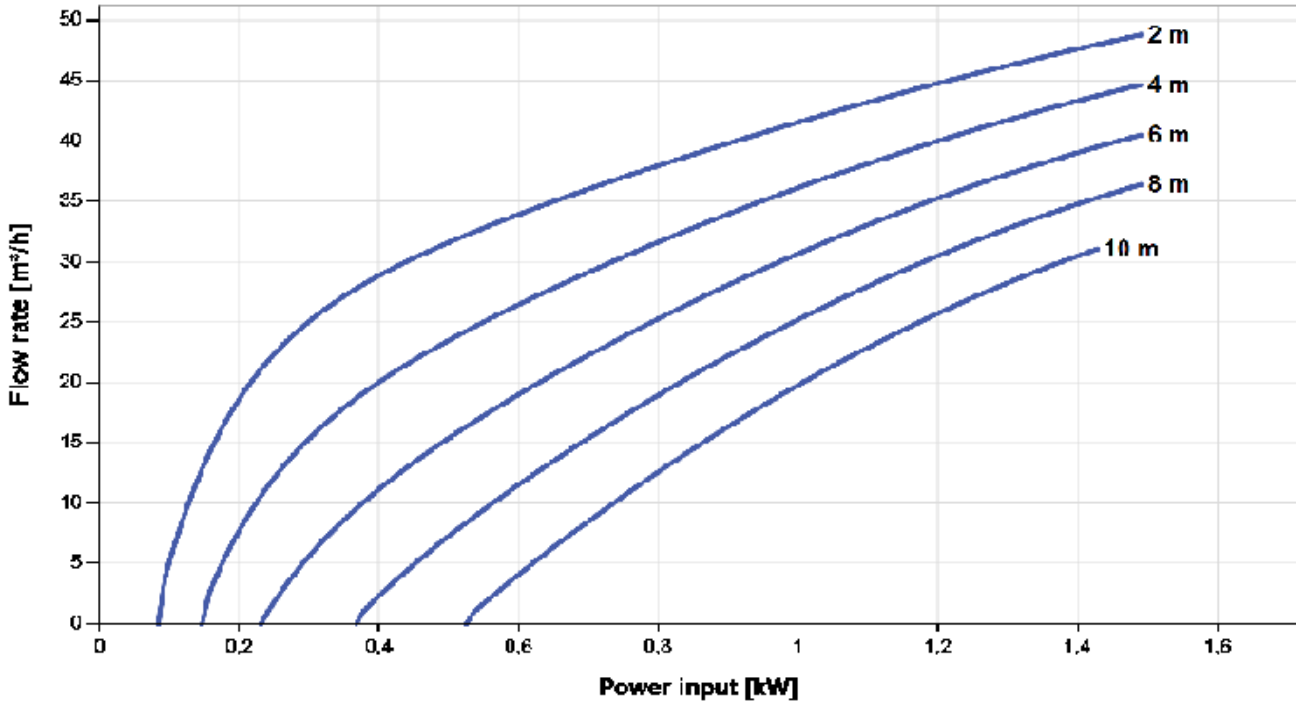
PS1800 C-SJ30-1

Solar submersible pump system for 6" wells

Pump chart

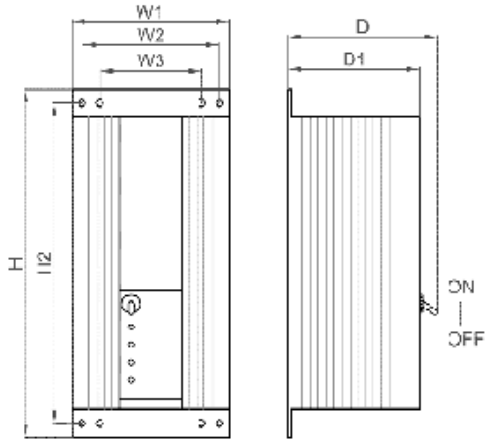
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

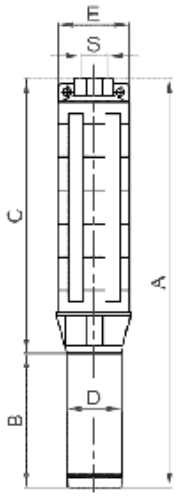
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 549 mm
B = 185 mm
C = 364 mm
D = 96 mm
E = 133 mm
S = 3 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	15 kg	650x160x150 mm	0,016 m³	15 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	7,5 kg	650x160x150 mm	0,016 m³	8,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 C-SJ42-1

Solar submersible pump system for 6" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1176
Total dynamic head	max. 8 m
Flow rate	max. 53 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ42-1

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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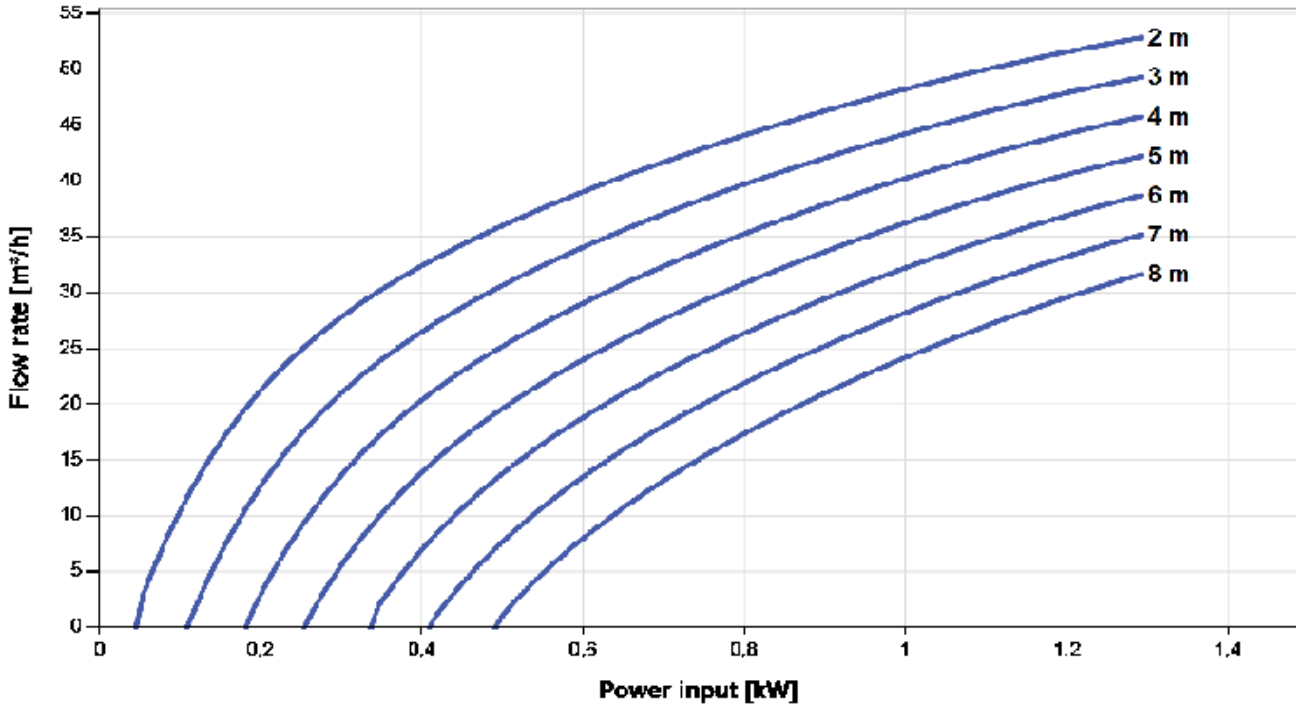
Sun. Water. Life.

PS1800 C-SJ42-1

Solar submersible pump system for 6" wells

Pump chart

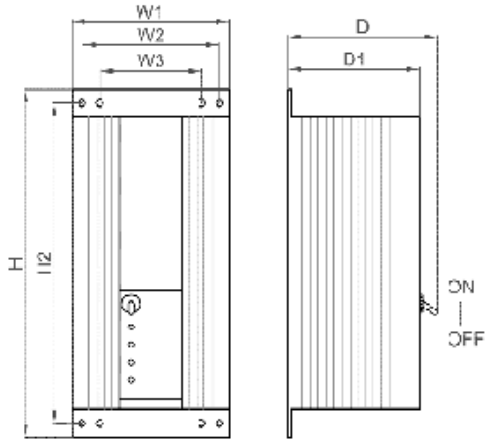
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

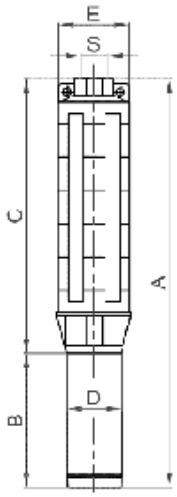
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 565 mm
B = 185 mm
C = 380 mm
D = 96 mm
E = 147 mm
S = 3 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	15 kg	650x160x150 mm	0,016 m³	16 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	8,0 kg	1.480x160x180 mm	0,043 m³	9,4 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

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PS1800 HR-05HL

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1178-X
Total dynamic head	max. 250 m
Flow rate	max. 0,97 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-HR

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE HR-05HL

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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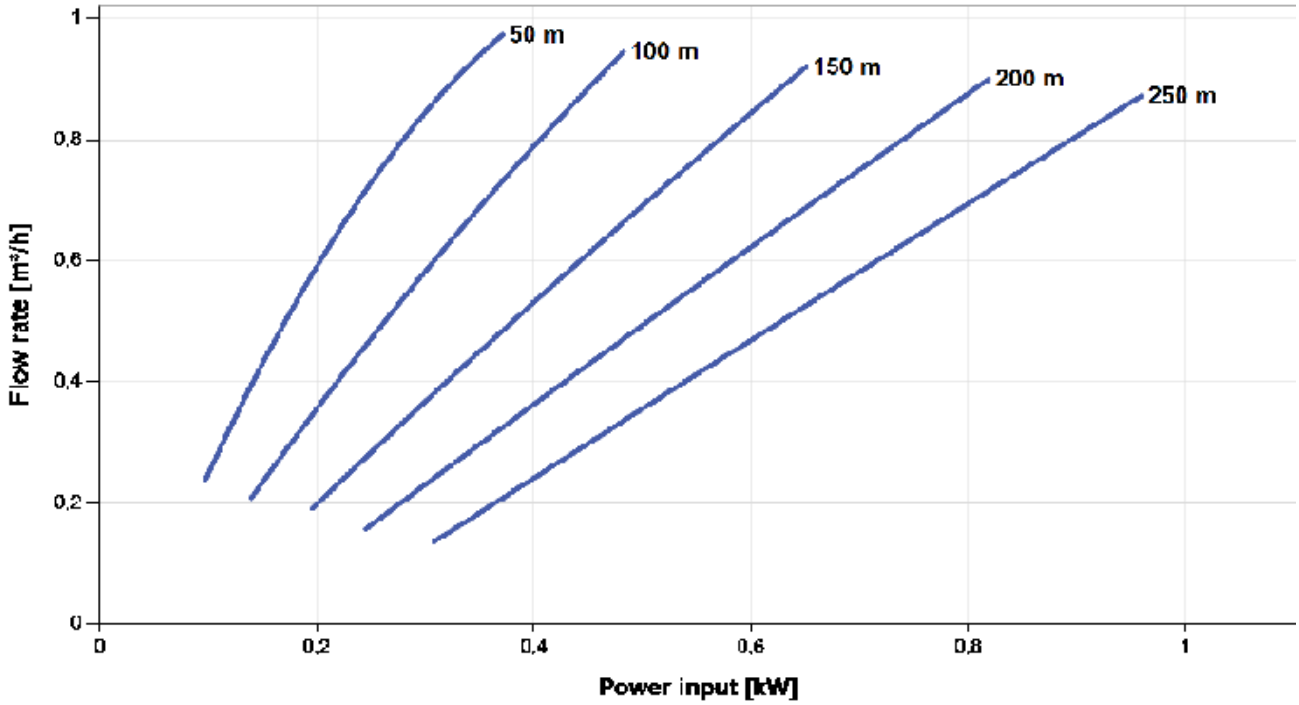
PS1800 HR-05HL

Solar submersible pump system for 4" wells

Pump chart

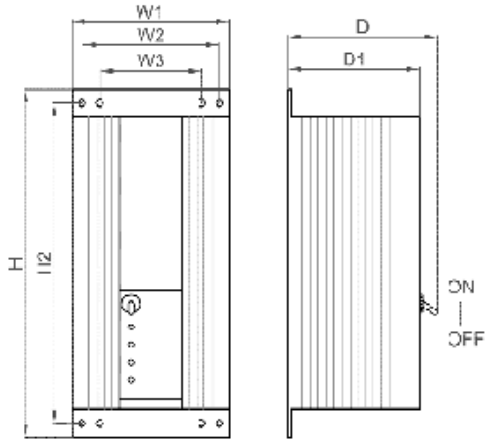
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

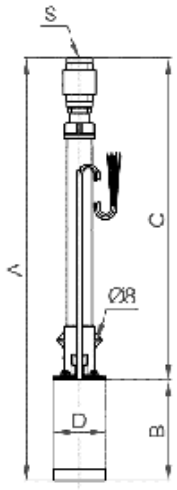
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 879 mm
B = 185 mm
C = 694 mm
D = 96 mm
S = 1,25 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	13 kg	970x160x150 mm	0,023 m³	13 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	5,5 kg	850x160x150 mm	0,020 m³	6,1 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

***Specify water temperature range on order

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PS1800 HR-07H

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1179-X
Total dynamic head	max. 160 m
Flow rate	max. 1,4 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-HR

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE HR-07H

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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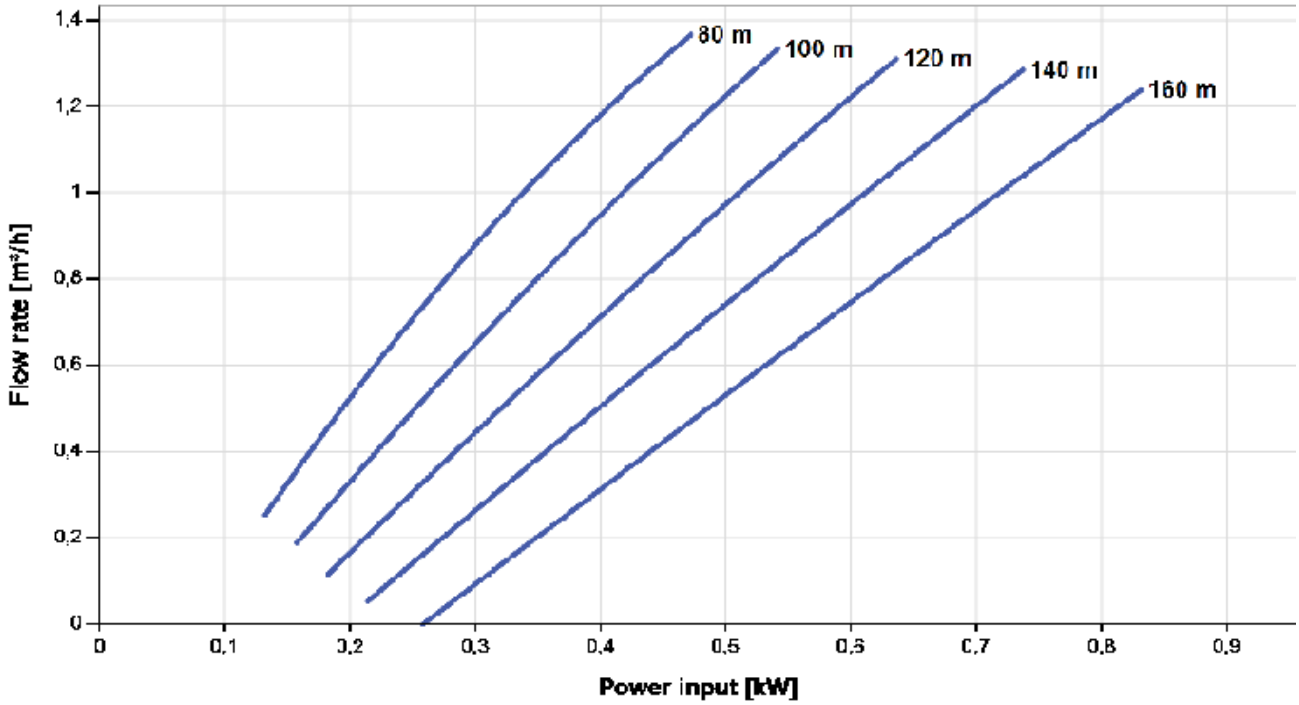
PS1800 HR-07H

Solar submersible pump system for 4" wells

Pump chart

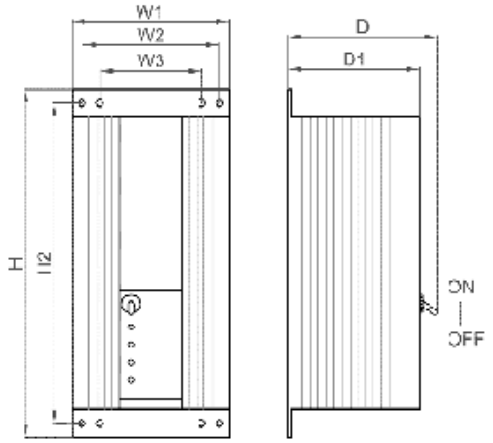
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

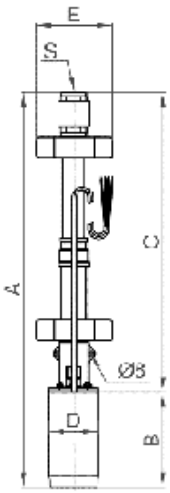
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 771 mm
B = 185 mm
C = 586 mm
D = 96 mm
E = 147 mm
S = 1,25 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	12 kg	850x160x150 mm	0,020 m³	12 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	4,5 kg	650x160x150 mm	0,016 m³	5,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

***Specify water temperature range on order

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Sun. Water. Life.

PS1800 HR-23

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1175-X
Total dynamic head	max. 80 m
Flow rate	max. 3,9 m³/h
Vmp**	> 102 V
Voc	max. 200 V

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-HR

- maintenance-free brushless DC motor
- water filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE HR-23

- high reliability and life expectancy
- non-return valve
- premium materials
- optional: dry running protection

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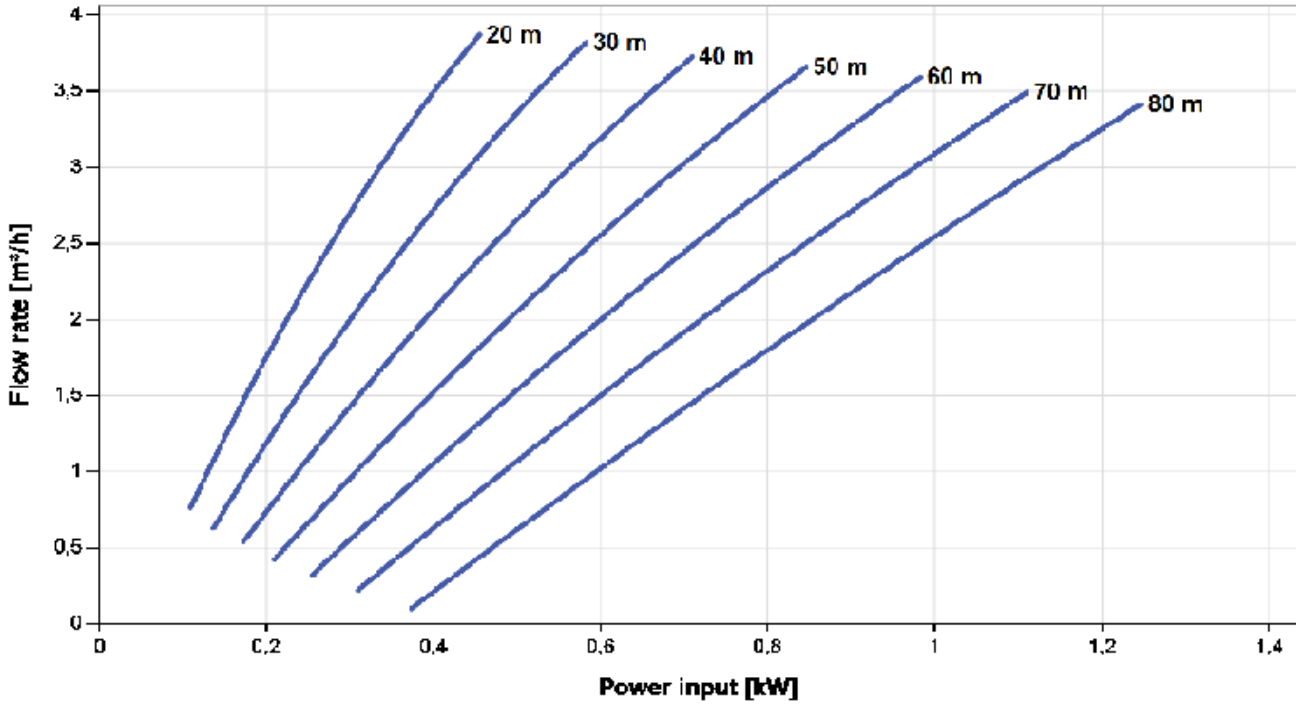
PS1800 HR-23

Solar submersible pump system for 4" wells

Pump chart

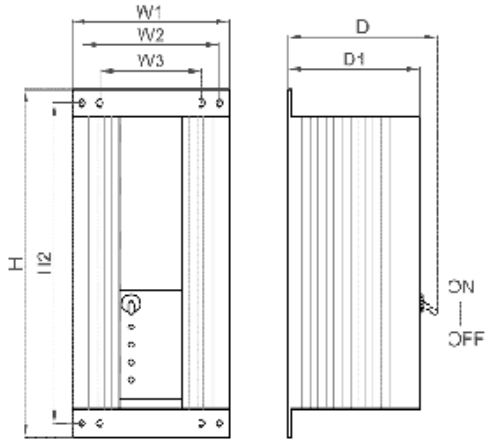
Max. power voltage (Vmp**): > 102 V



Dimensions and weights

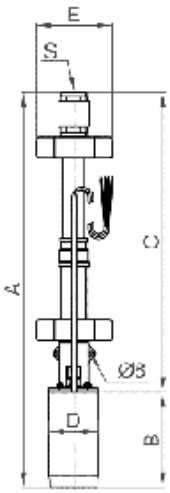
Controller

H = 396 mm
H2 = 364 mm
W1 = 178 mm
W2 = 156 mm
W3 = 116 mm
D = 165 mm
D1 = 150 mm



Pump unit

A = 771 mm
B = 185 mm
C = 586 mm
D = 96 mm
E = 147 mm
S = 1,25 in



	net weight	packaging	shipping volume	gross weight
Controller	4,5 kg	450x250x240 mm	0,027 m³	5,2 kg
Pump unit	12 kg	850x160x150 mm	0,020 m³	12 kg
Motor	7,0 kg	160x140x300 mm	0,007 m³	7,3 kg
Pump end	4,5 kg	650x160x150 mm	0,016 m³	5,0 kg

*Max. flow rate at min. recommended head

**Vmp: max. power voltage under Standard Test Conditions (STC): AM = 1.5, E = 1000 W/m², cell temperature 25 °C

***Specify water temperature range on order

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PS1800 C-SJ1-25

Solar submersible pump system for 4" wells

Application

- drinking water supply
- pond management
- irrigation
- livestock watering
- pressurizing

Characteristics

- fast, failure-free installation
- excellent serviceability
- high reliability and life expectancy
- short Return of Investment (ROI) cycle
- lower Total Cost of Ownership (TCO)

Technical data

Item #	1156
Total dynamic head	max. 100 m
Flow rate*	max. 2.9 m³/h
Vmp**	> 102 V
Voc	max. 200 V
Pump type	centrifugal

Components

Controller: PS1800

- controlling and monitoring
- control inputs for well probe, dry running protection, remote control etc.
- protected against reverse polarity, overload and high temperature
- integrated MPPT (Maximum Power Point Tracking)
- low voltage disconnect for battery operation

Motor: ECDRIVE 1200-C

- maintenance-free brushless DC motor
- water-filled
- no electronics in the motor
- submersion max. 250 m, IP68
- premium materials

Pump end: PE C-SJ1-25

- high life expectancy
- non-return valve
- premium materials
- optional: dry running protection