



SSCO DC SOLAR PUMP

2026

PRODUCT CATALOG

CE © ISO9001





COMPANY PROFILE

Xfchg_le P_k`m Glrcjjgeclr Rcaflmjnew Am,*Jrb,&XPGAm,*jrb' Gq rfc jc_bgle
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ISO 9001-2015



CE



IEC 60335-2-41



BV Certificate



*BELIEVE IN THE
POWER OF BRAND*





APPLICATION FOR SOLAR PUMPING SYSTEM



Irrigation



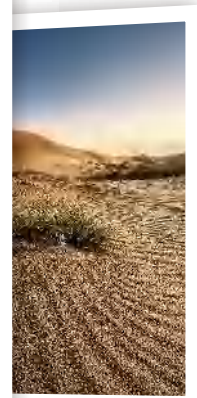
Stock farming



Fountain



Drinking water



Ecological
management



APPLICATION



GARDENING



IRRIGATION



WASHING



SHALLOW WELL



HIGHLIFT



HOME SWIMMING POOL

For water supply from wells or reservoirs

For domestic use, for civil and industrial applications

For garden use and irrigation

SSCO/ZSCO DC

MPPT CONTROLLER SOLAR PUMP SERIES

www.zripump.com



Large Flow
Gao Yangcheng



All-copper motor coil



Low noise



High efficiency
and energy saving



Super durability



SSCO DC MPPT CONTROLLER

APPLICATION



GARDENING



IRRIGATION



WASHING



SHALLOW WELL



HIGHLIFT



HOME SWIMMING POOL

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation



SSCO CONTROLLER PERFORMANCE DATA

| Item | | SSCO_YDC24 | SSCO_YDC48 | SSCO_YDC72 | SSCO_YDC96 | SSCO_YDC11 | SSCO_YDC15 | SSCO_YDC20 | SSCO_YDC30 |
|---------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Rated Voltage | | 24V DC | 48V DC | 72V DC | 96V DC | 110V DC | 150V DC | 200 VDC | 300 VDC |
| Rated Current | | 15A | 15A | 15A | 15A | 15A | 12A | 12A | 12A |
| Biggest open voltage(VOC) | | 80V DC | 150V DC | 200V DC | 200V DC | 250V DC | 300V DC | 350V DC | 400V DC |
| Max Power | | 600W | 900W | 1300W | 1600W | 1800W | 1600W | 1800W | 2500W |
| Voltage | Under Voltage | 18.0±0.2VDC | 30.0±0.2VDC | 50.0±0.2VDC | 60.0±0.2VDC | 70.0±0.2VDC | 120.0±0.2VDC | 160.0±0.2VDC | 220.0±0.2VDC |
| | Best Working Voltage | 30±0.2VDC | 60±0.2VDC | 90±0.2VDC | 110±0.2VDC | 120±0.2VDC | 150±0.2VDC | 200±0.2VDC | 300±0.2VDC |
| Current | Overload | 20A | 20A | 20A | 20A | 20A | 15A | 15A | 15A |
| | Over current | 25A | 25A | 25A | 25A | 25A | 20A | 20A | 20A |
| Dimension | | 220*200*90mm | 220*200*90mm | 220*200*90mm | 220*200*90mm | 220*200*90mm | 220*200*90mm | 220*200*90mm | 220*200*90mm |
| Weight | | 2.10kg | 2.10kg | 2.10kg | 2.10kg | 2.10kg | 2.10kg | 2.10kg | 2.10kg |
| Ambient Temperature | | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ | -20℃+50℃ |
| Adaptive Solar Panel | Peak Voltage | 29.8VDC | 29.8VDC | 35.6VDC | 35.6VDC | 35.6VDC | 35.6VDC | 35.6VDC | 35.6VDC |
| | Open-circuit Voltage | 36.9VDC | 36.9VDC | 43.5VDC | 43.5VDC | 43.5VDC | 43.5VDC | 43.5VDC | 43.5VDC |



S3SS Solar Submersible Pump Series



01
Outlet
0.75 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



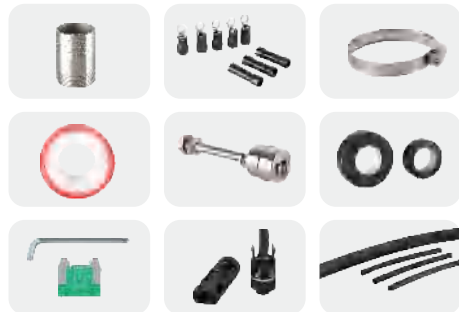
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

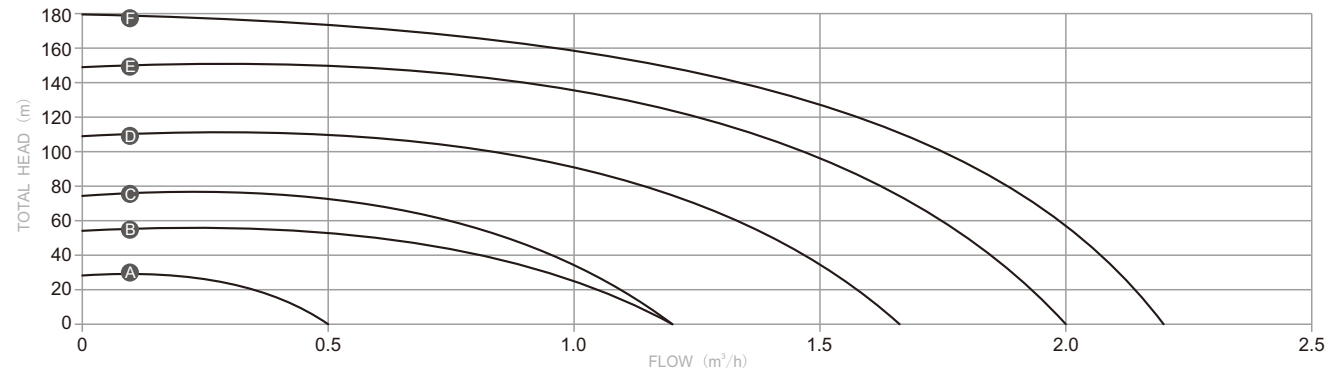


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.)
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S3SS0.5-28-12-80 | 12V | 20-36V | 80W | 0.5m³/h | 28m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| B | S3SS1.2-56-24-120 | 24V | 30-48V | 120W | 1.2m³/h | 56m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| C | S3SS1.2-77-36-210 | 36V | 30-48V | 210W | 1.2m³/h | 77m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| D | S3SS1.7-109-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 1.7m³/h | 109m | 0.75" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| E | S3SS2.0-150-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 2.0m³/h | 150m | 0.75" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| F | S3SS2.2-180-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 2.2m³/h | 180m | 0.75" | 2m | <200(300)V | ≥1.3*PUMP POWER |



S4SS Solar Submersible Pump Series



01
Outlet
1.0 inch
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

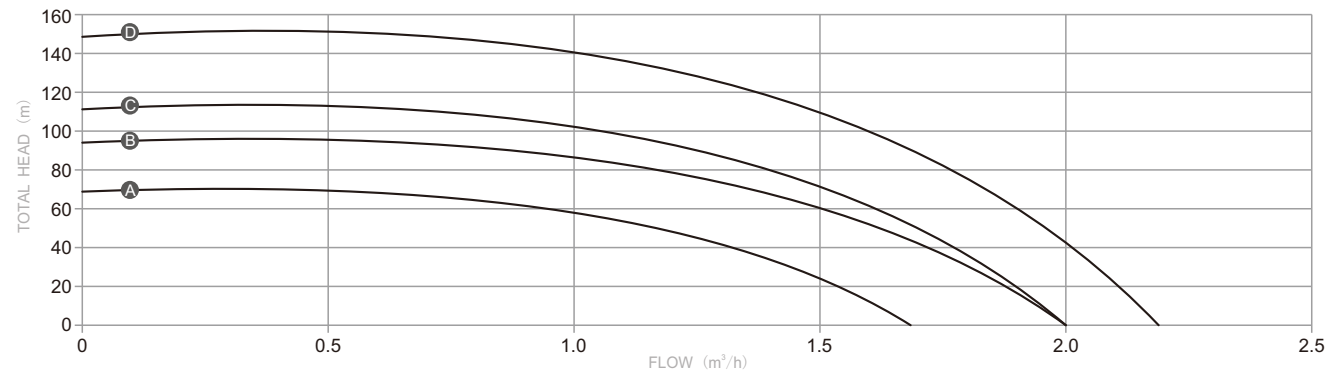


FREE SPARE PARTS



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Integrated DSP & MPPT(Maximum Power Point remote control etc.)
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Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4SS1.7-70-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 1.7m³/h | 70m | 1" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | S4SS2.0-95-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 2.0m³/h | 95m | 1" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| C | S4SS2.0-110-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 2.0m³/h | 110m | 1" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| D | S4SS2.2-150-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 2.2m³/h | 150m | 1" | 2m | <200(350)V | ≥1.3*PUMP POWER |



S3HS Solar Submersible Pump Series



01
Outlet
0.75 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

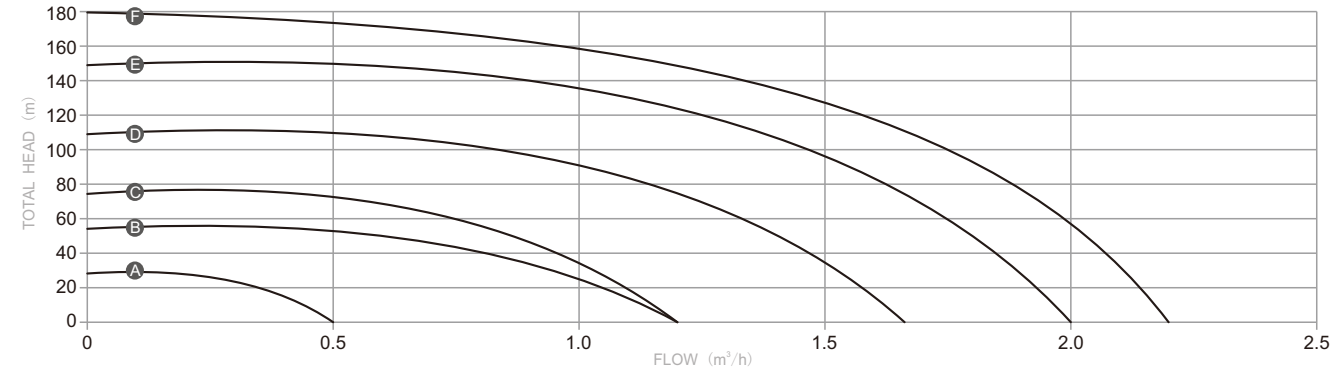


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S3HS0.5-28-12-80 | 12V | 20-36V | 80W | 0.5m³/h | 28m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| B | S3HS1.2-56-24-120 | 24V | 30-48V | 120W | 1.2m³/h | 56m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| C | S3HS1.2-77-36-210 | 36V | 30-48V | 210W | 1.2m³/h | 77m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| D | S3HS1.7-109-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 1.7m³/h | 109m | 0.75" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| E | S3HS2.0-150-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 2.0m³/h | 150m | 0.75" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| F | S3HS2.2-180-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 2.2m³/h | 180m | 0.75" | 2m | <200(300)V | ≥1.3*PUMP POWER |



S4HS

Solar Submersible Pump Series



01
Outlet
1.0 inch
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



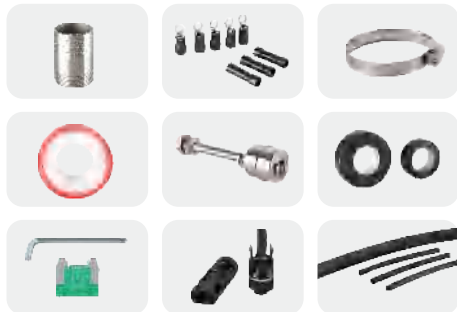
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

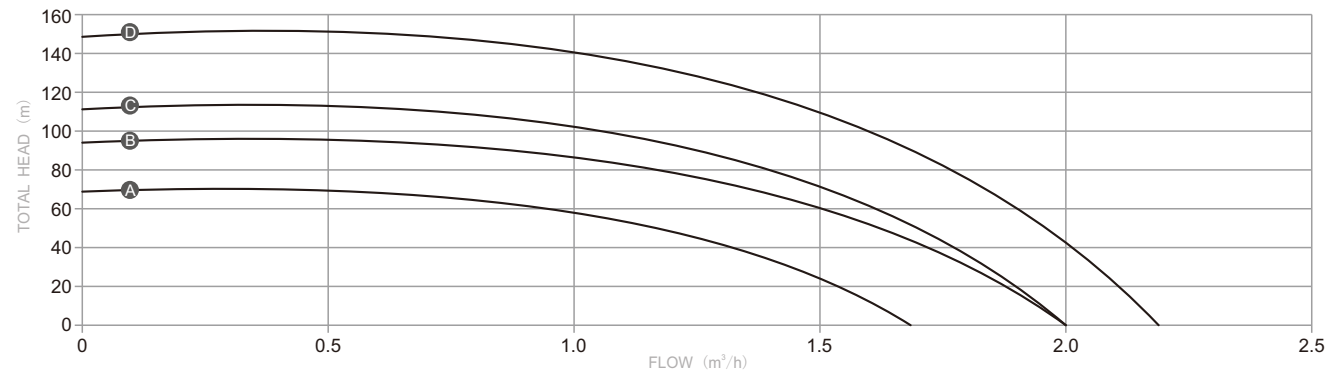


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4HS1.7-70-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 1.7m³/h | 70m | 1" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | S4HS2.0-95-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 2.0m³/h | 95m | 1" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| C | S4HS2.0-110-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 2.0m³/h | 110m | 1" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| D | S4HS2.2-150-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 2.2m³/h | 150m | 1" | 2m | <200(350)V | ≥1.3*PUMP POWER |



S3PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 Inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
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MPPT
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Dry Running Protection
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Soft Starting Protection
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Reverse Voltage Protection
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Low-voltage / Over-voltage Protection
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Over Current Protection

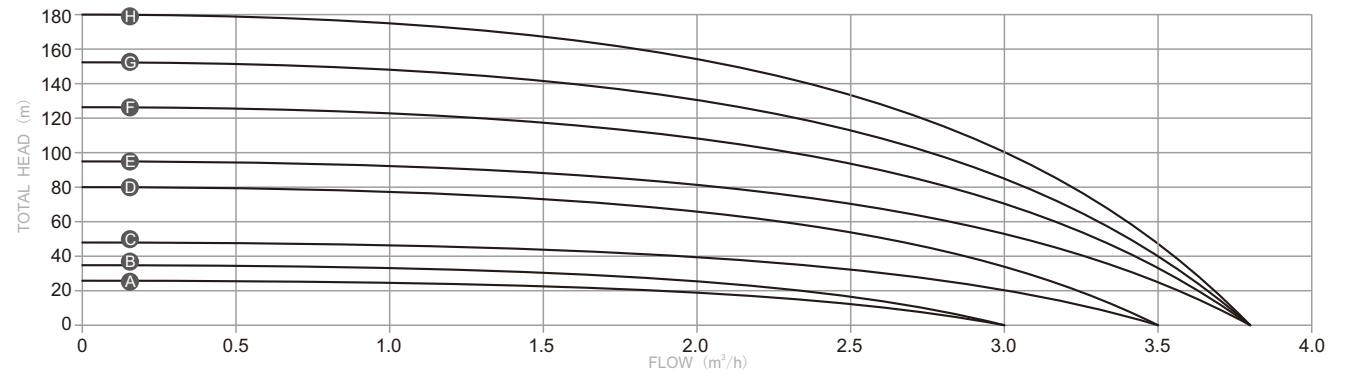


FREE SPARE PARTS



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PERFORMANCE CURVES AND DATA



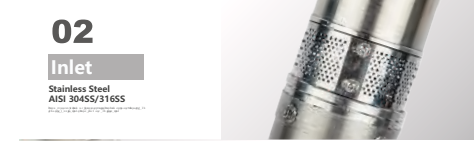
| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S3PC3-25-24-200 | 24V | 30-48V | 200W | 3.0m³/h | 25m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| B | S3PC3-35-24-300 | 24V | 30-48V | 300W | 3.0m³/h | 35m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| C | S3PC3.5-47-48-400 | 48V | 60-90V | 400W | 3.5m³/h | 47m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| D | S3PC3.5-80-48(72)-600 | 48(72)V | 60-90V (72-120V) | 600W | 3.5m³/h | 80m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| E | S3PC3.5-95-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 3.5m³/h | 95m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| F | S3PC3.8-123-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 3.8m³/h | 123m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| G | S3PC3.8-155-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 3.8m³/h | 155m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| H | S3PC3.8-180-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 3.8m³/h | 180m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |



S3PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 Inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



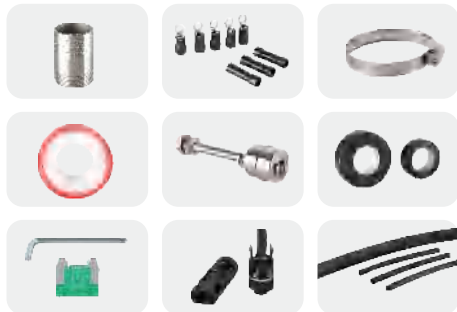
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
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MPPT
- 
Dry Running Protection
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Soft Starting Protection
- 
Reverse Voltage Protection
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Low-voltage / Over-voltage Protection
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Over Current Protection

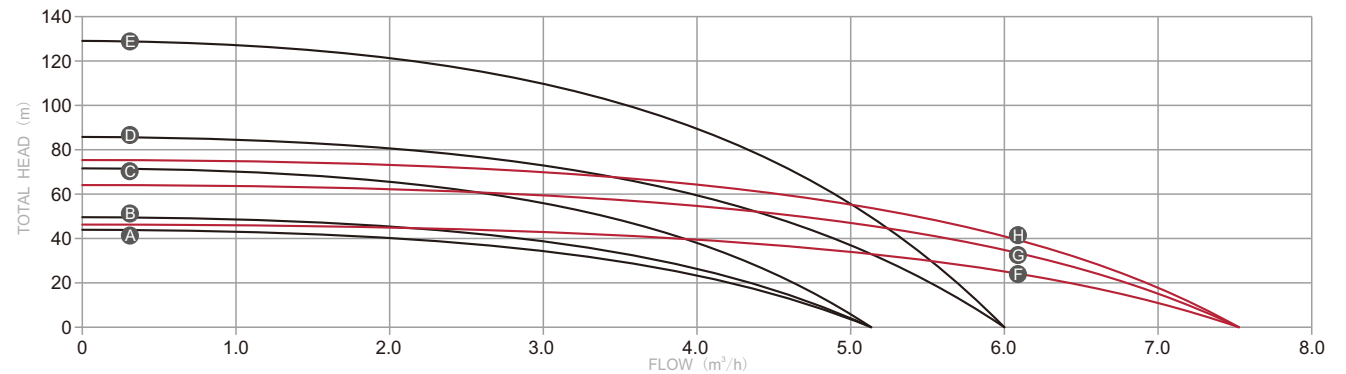


FREE SPARE PARTS



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PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|--------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S3PC5.2-45-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 5.2m³/h | 45m | 1.5" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | S3PC5.2-50-48(72)-600 | 48(72)V | 60-90V (72-120V) | 600W | 5.2m³/h | 50m | 1.5" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| C | S3PC5.2-75-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 5.2m³/h | 75m | 1.5" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| D | S3PC6-84-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 6.0m³/h | 84m | 1.5" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| E | S3PC6-125-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 6.0m³/h | 125m | 1.5" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| F | S3PC7.5-43-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 7.5m³/h | 43m | 1.5" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| G | S3PC7.5-62-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 7.5m³/h | 62m | 1.5" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| H | S3PC7.5-78-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 7.5m³/h | 78m | 1.5" | 2m | <200(400)V | ≥1.3*PUMP POWER |



S4PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

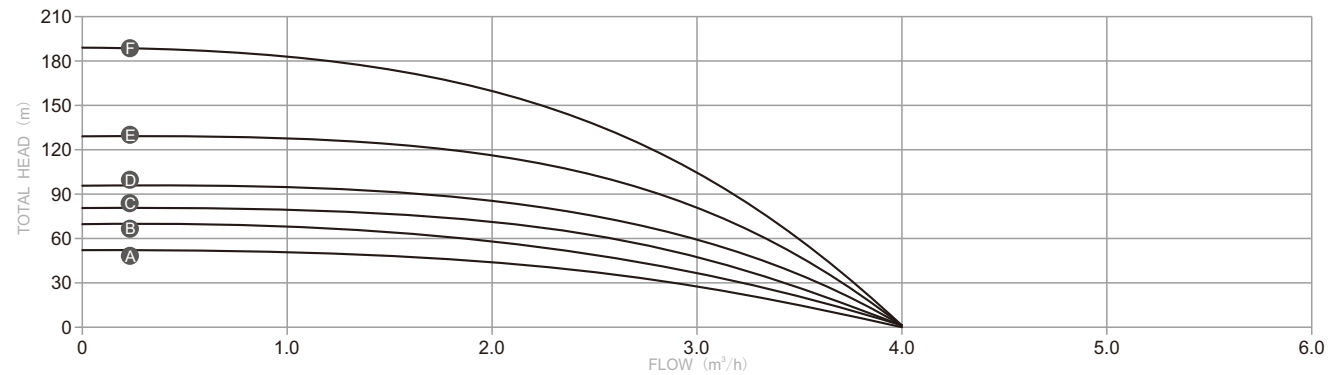


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
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PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|-------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | Z4PC4-50-48(72)-600 | 48(72)V | 60-90V (72-120V) | 600W | 4m³/h | 50m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | Z4PC4-70-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 4m³/h | 70m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| C | Z4PC4-80-96(120)-900 | 96(120)V | 110-150V (120-200V) | 900W | 4m³/h | 80m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| D | Z4PC4-95-110(150)-1100 | 110(150)V | 110-180V (150-250V) | 1100W | 4m³/h | 95m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| E | Z4PC4-130-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 4m³/h | 130m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| F | Z4PC4-190-300-2200 | 300V | 300-420V | 2200W | 4m³/h | 190m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |



S4PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



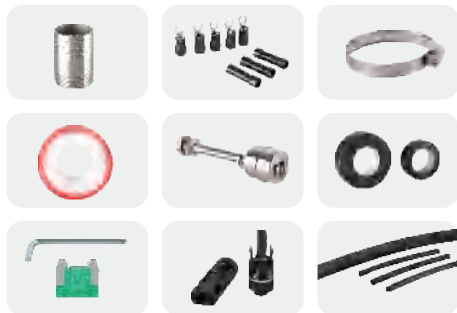
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

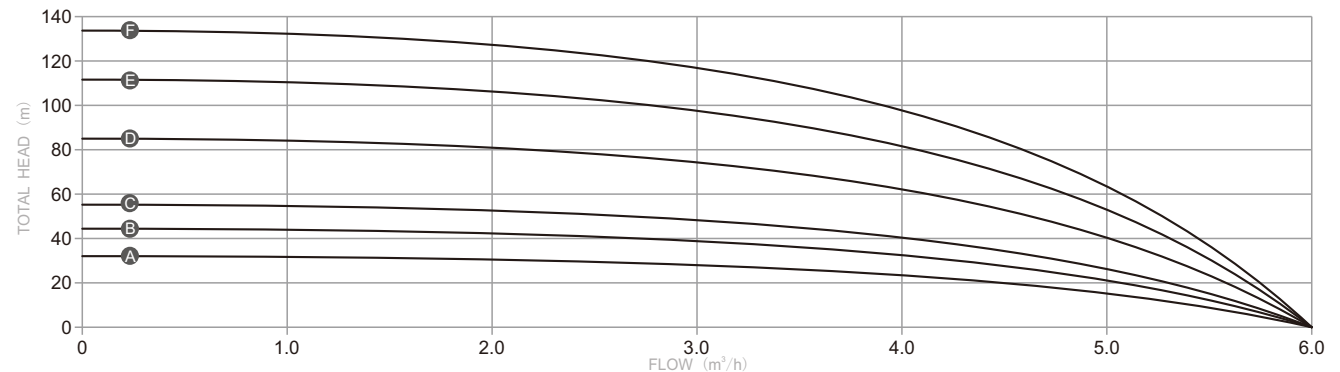


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|-------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4PC6-32-48-400 | 48V | 60-90V | 400W | 6.0m³/h | 32m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| B | S4PC6-42-48(72)-600 | 48(72)V | 60-90V (72-120V) | 600W | 6.0m³/h | 42m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| C | S4PC6-56-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 6.0m³/h | 56m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| D | S4PC6-84-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 6.0m³/h | 84m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| E | S4PC6-112-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 6.0m³/h | 112m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| F | S4PC6-135-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 6.0m³/h | 135m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| G | S4PC6-175-300-2200 | 300V | 300-420V | 2200W | 6.0m³/h | 175m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |



S4PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

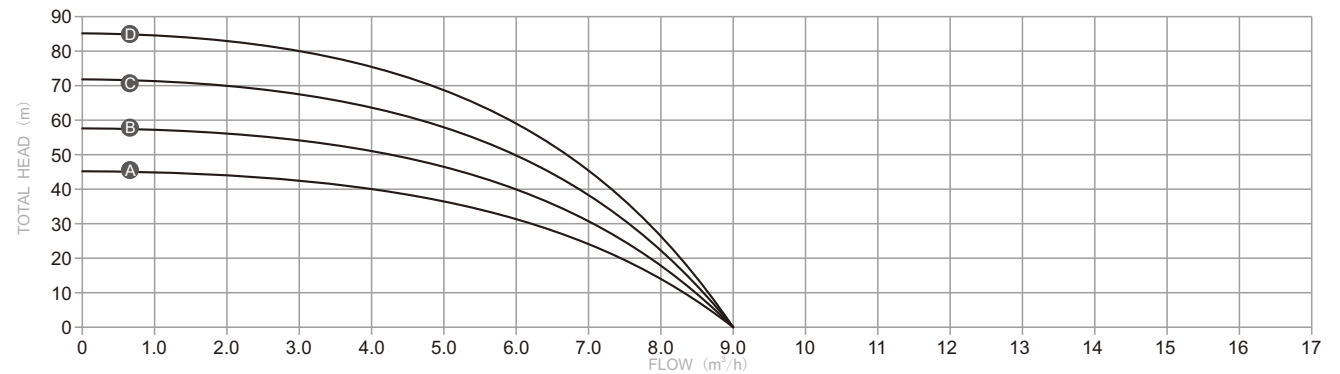


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4PC9-45-96-750 | 96V | 110-150V | 750W | 9.0m³/h | 45m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| B | S4PC9-58-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 9.0m³/h | 58m | 2" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| C | S4PC9-71-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 9.0m³/h | 71m | 2" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| D | S4PC9-85-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 9.0m³/h | 85m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| E | S4PC9-125-300-2200 | 300V | 300-400V | 2200W | 9.0m³/h | 125m | 2" | 2m | <450V | ≥1.3*PUMP POWER |



S4PC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



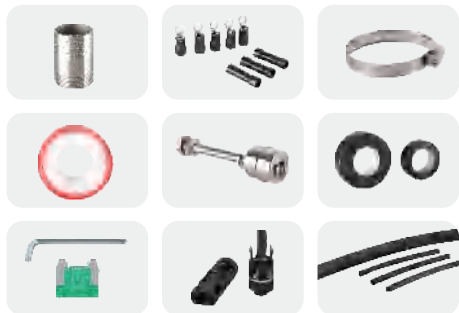
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

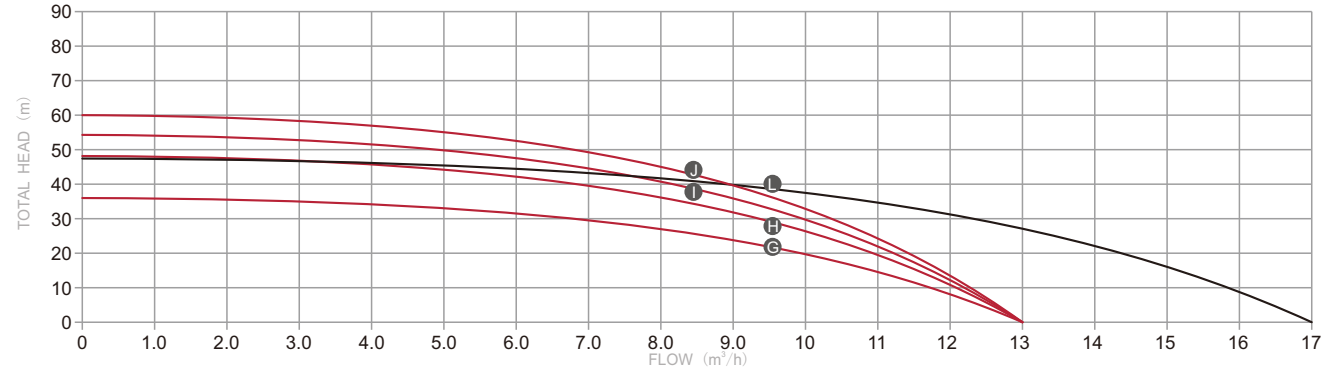


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|-------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| G | S4PC13-42-96-750 | 96V | 110-150V | 750W | 13m³/h | 42m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| H | S4PC13-50-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 13m³/h | 50m | 2" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| I | S4PC13-58-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 13m³/h | 58m | 2" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| J | S4PC13-63-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 13m³/h | 63m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| K | S4PC13-110-300-2200 | 300V | 300-400V | 2200W | 13m³/h | 110m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| L | S4PC17-48-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 17m³/h | 48m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |



S3SC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 Inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

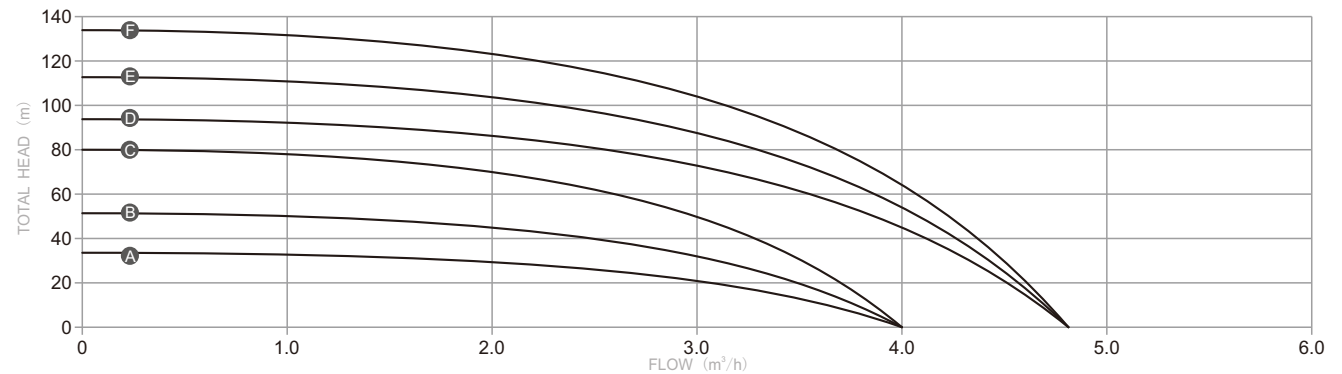


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.)
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S3SC4-35-24-300 | 24V | 30-48V | 300W | 4.0m³/h | 35m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| B | S3SC4-50-48-400 | 48V | 60-90V | 400W | 4.0m³/h | 50m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| C | S3SC4-80-48(72)-600 | 48(72)V | 60-90V (72-120V) | 600W | 4.0m³/h | 80m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| D | S3SC4.8-95-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 4.8m³/h | 95m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| E | S3SC4.8-112-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 4.8m³/h | 112m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| F | S3SC4.8-135-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 4.8m³/h | 135m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |



S4SC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

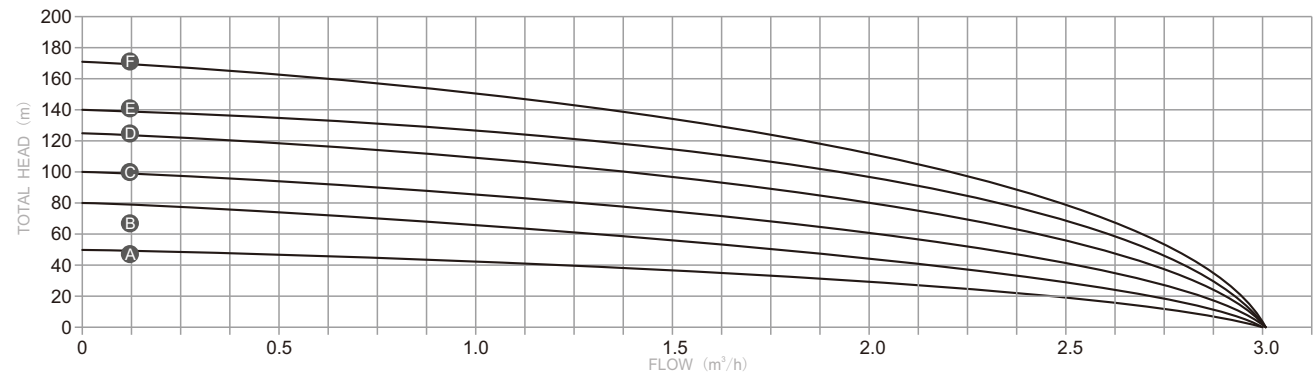


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4SC3.0-50-48-400 | 48V | 60-90V | 400W | 3.0m³/h | 50m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | S4SC3.0-80-72-600 | 72V | 90-120V | 600W | 3.0m³/h | 80m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| C | S4SC3.0-100-72(96)-750 | 72(96)V | 90-150V (150-200V) | 750W | 3.0m³/h | 100m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| D | S4SC3.0-125-96(120)-900 | 96(120)V | 110-150V (180-250V) | 900W | 3.0m³/h | 125m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| E | S4SC3.0-140-110(150)-1100 | 110(200)V | 110-150V (200-300V) | 1100W | 3.0m³/h | 140m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| F | S4SC3.0-170-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 3.0m³/h | 170m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| G | S4SC3.0-260-300-2200 | 300V | 300-400V | 2200W | 3.0m³/h | 260m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |



S4SC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 Inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



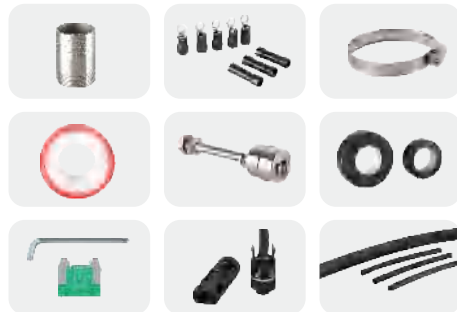
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

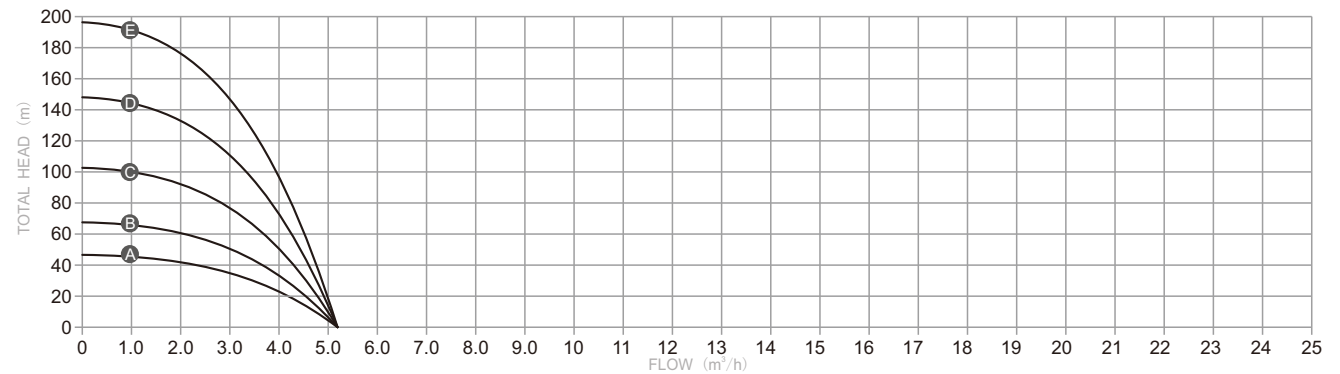


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4SC5.2-45-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 5.2m³/h | 45m | 1.25" | 2m | <100(150)V | ≥1.3*PUMP POWER |
| B | S4SC5.2-67-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 5.2m³/h | 67m | 1.25" | 2m | <150(200)V | ≥1.3*PUMP POWER |
| C | S4SC5.2-101-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 5.2m³/h | 101m | 1.25" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| D | S4SC5.2-146-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 5.2m³/h | 146m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| E | S4SC5.2-198-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 5.2m³/h | 198m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| F | S4SC5.2-255-300-2200 | 300V | 300-400V | 2200W | 5.2m³/h | 255m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |



S4SC Solar Submersible Pump Series



01
Outlet
1.25 / 1.5 / 2.0 inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



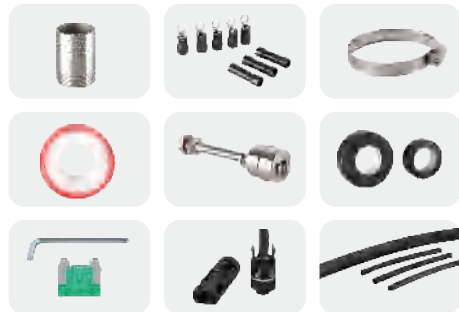
03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

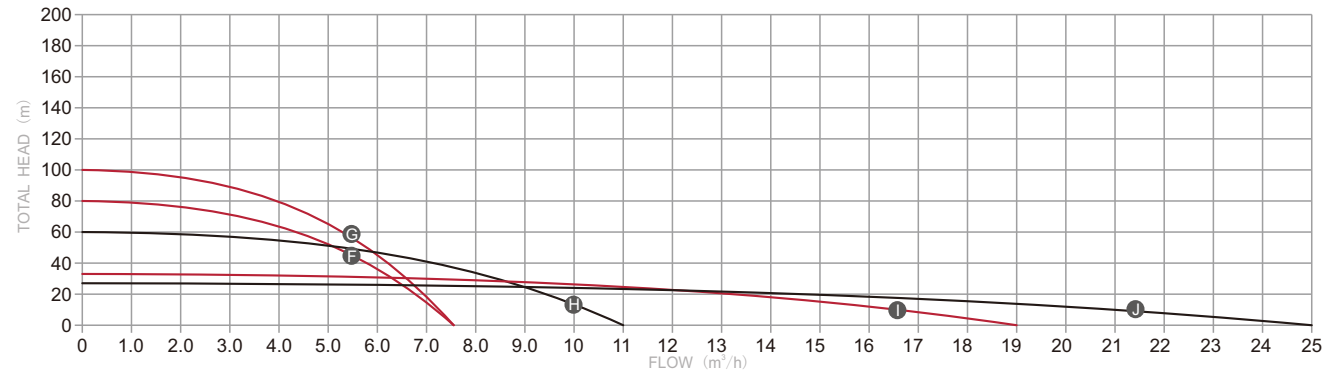


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| G | S4SC7.5-80-110(180)-1300 | 110(180)V | 110-150V (180-250V) | 1300W | 7.5m³/h | 80m | 1.25" | 2m | <200(350)V | ≥1.3*PUMP POWER |
| H | S4SC7.5-100-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 7.5m³/h | 100m | 1.25" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| I | S4SC7.5-150-300-2200 | 300V | 300-400V | 2200W | 7.5m³/h | 150m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| J | S4SC11-60-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 11m³/h | 60m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| K | S4SC19-35-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 19m³/h | 35m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| L | S4SC25-26-110(200)-1500 | 110(200)V | 110-150V (200-300V) | 1500W | 25m³/h | 26m | 2" | 2m | <200(400)V | ≥1.3*PUMP POWER |



S4/6SC Solar Submersible Pump Series



01
Outlet
3.0 Inch,
Stainless Steel AISI 304SS/316SS



02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

ADVANCED TECHNOLOGY

- Running Speed Control
- Short-Circuit Protection
- MPPT
- Dry Running Protection
- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

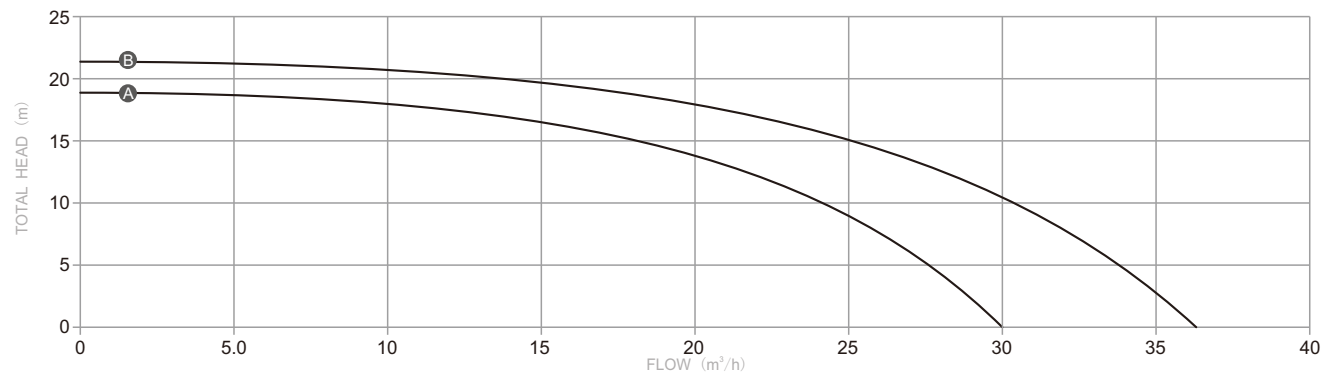


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | S4/6SC30-19-110(150)-1100 | 110(150)V | 110-150V (200-300V) | 1100W | 30m³/h | 19m | 3" | 2m | <200(300)V | ≥1.3*PUMP POWER |
| B | S4/6SC36-22-110(200)-1500 | 110(200)V | 110-150V (150-200V) | 1500W | 36m³/h | 22m | 3" | 2m | <200(400)V | ≥1.3*PUMP POWER |
| C | S4/6SC36-38-300-2200 | 300V | 300-400V | 2200W | 36m³/h | 38m | 3" | 2m | <450V | ≥1.3*PUMP POWER |

SSQD Solar Submersible Pump Series



01
Outlet
2.0 inch, 3.0 inch, 4.0 inch,
Cast Iron



02
Inlet
Cast Iron



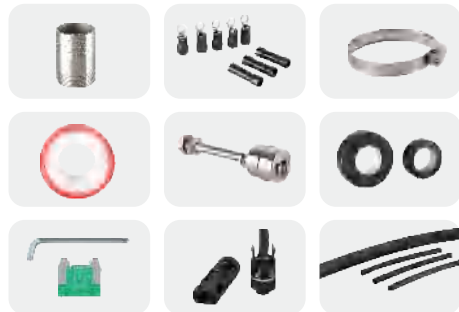
03
Bottom support
Cast Iron



ADVANCED TECHNOLOGY

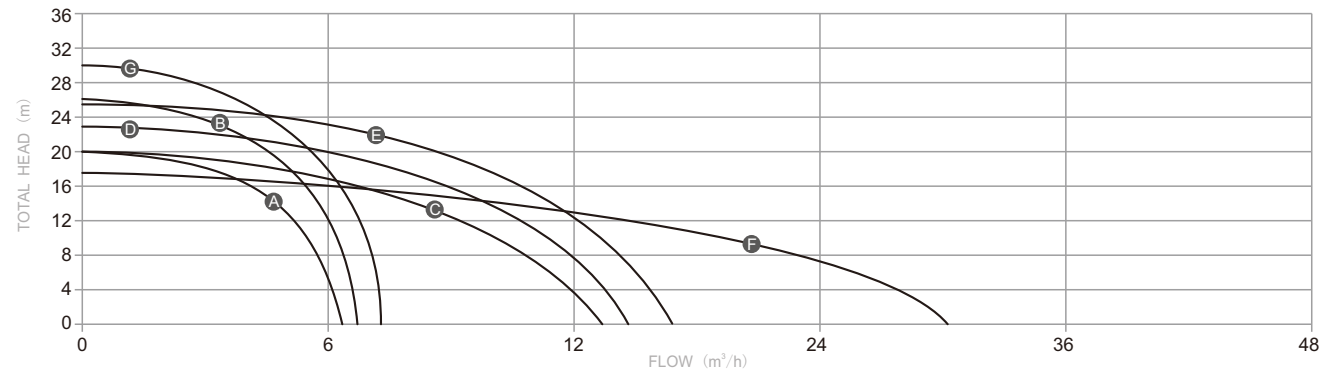


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.)
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|--------------------|---------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | SSQD6.5-20-72-550 | 72V | 72-120V | 550W | 6.5m³/h | 20m | 2" | 2m | <150V | ≥1.3*PUMP POWER |
| B | SSQD7.0-26-96-750 | 96V | 96-150V | 750W | 7.0m³/h | 26m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| C | SSQD13-20-72-550 | 72V | 72-120V | 550W | 13m³/h | 20m | 2" | 2m | <150V | ≥1.3*PUMP POWER |
| D | SSQD14-23-96-750 | 96V | 96-150V | 750W | 14m³/h | 23m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| E | SSQD16-25-150-1100 | 150V | 150-200V | 1100W | 16m³/h | 25m | 2" | 2m | <300V | ≥1.3*PUMP POWER |
| F | SSQD17-30-180-1300 | 180V | 180-250V | 1300W | 17m³/h | 30m | 2" | 2m | <350V | ≥1.3*PUMP POWER |
| G | SSQD30-8-96-750 | 96V | 96-150V | 750W | 30m³/h | 8m | 3" | 2m | <200V | ≥1.3*PUMP POWER |

SSQD Solar Submersible Pump Series



01

Outlet

2.0 inch, 3.0 inch, 4.0 inch,
Cast Iron

02

Inlet

Cast Iron



03

Bottom support

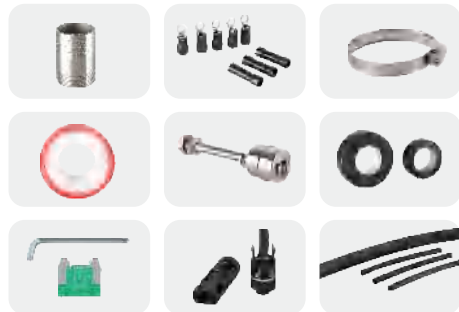
Cast Iron



ADVANCED TECHNOLOGY

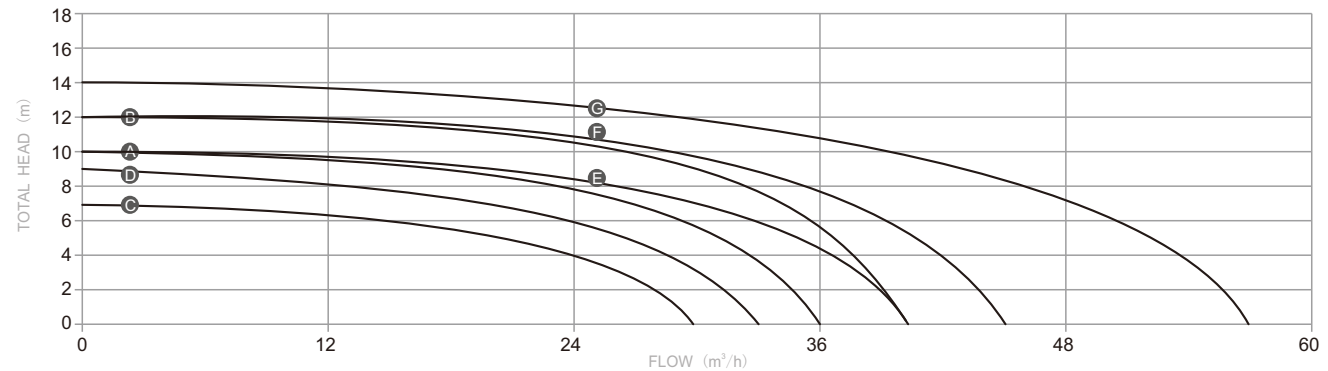


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.)
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|--------------------|---------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | SSQD36-10-150-1100 | 150V | 150-200V | 1100W | 36m³/h | 10m | 3" | 2m | <300V | ≥1.3*PUMP POWER |
| B | SSQD40-12-180-1300 | 180V | 180-250V | 1300W | 40m³/h | 12m | 3" | 2m | <350V | ≥1.3*PUMP POWER |
| C | SSQD30-7-96-750 | 96V | 96-150V | 750W | 30m³/h | 7m | 3" | 2m | <200V | ≥1.3*PUMP POWER |
| D | SSQD33-9-150-1100 | 150V | 150-200V | 1100W | 33m³/h | 9m | 3" | 2m | <300V | ≥1.3*PUMP POWER |
| E | SSQD40-10-180-1300 | 180V | 180-250V | 1300W | 40m³/h | 10m | 4" | 2m | <350V | ≥1.3*PUMP POWER |
| F | SSQD45-12-200-1500 | 200V | 200-300V | 1500W | 45m³/h | 12m | 4" | 2m | <400V | ≥1.3*PUMP POWER |
| G | SSQD56-14-300-2200 | 300V | 300-400V | 2200W | 56m³/h | 14m | 4" | 2m | <400V | ≥1.3*PUMP POWER |

SSQB
Solar Surface Pump Series



ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

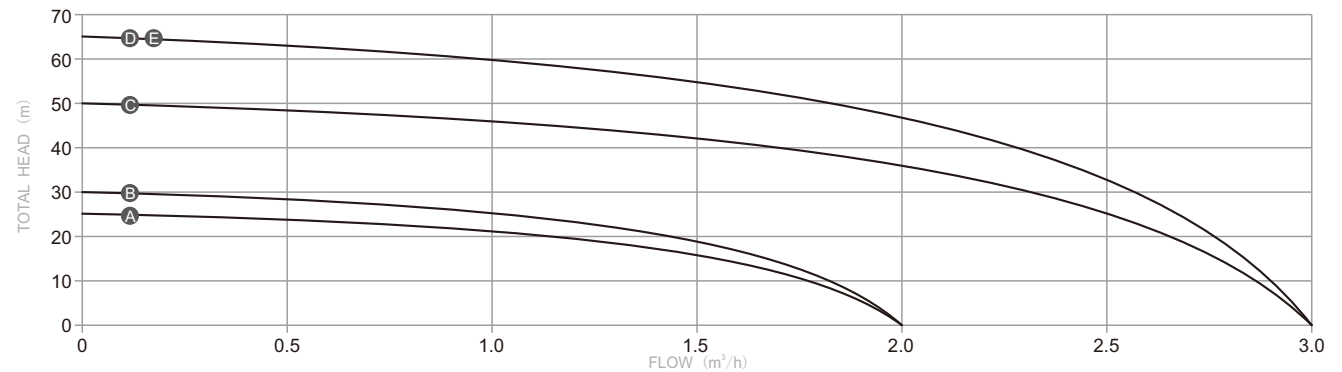


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated DSP & MPPT(Maximum Power Point remote control etc.)
Suitable for Wide DC voltage Operation
Control inputs for well probe,dry running protection
Battery Operation,low voltage disconnect for battery Tracking)
Overload and high Adjustable speed control of motor
Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|---------------------|---------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | SSQB2-25-24-210 | 24V | 30V-48V | 210W | 2m³/h | 25m | 1×1" | 2m | <50V | ≥1.3*PUMP POWER |
| B | SSQB2-30-24-280 | 24V | 30V-48V | 280W | 2m³/h | 30m | 1×1" | 2m | <50V | ≥1.3*PUMP POWER |
| C | SSQB3-50-48-550 | 48V | 60-90V (72-120V) | 550W | 3m³/h | 50m | 1×1" | 2m | <100V | ≥1.3*PUMP POWER |
| D | SSQB3-65-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 3m³/h | 65m | 1×1" | 2m | <150(200)V | ≥1.3*PUMP POWER |



SSSP Solar Surface Pump Series



ADVANCED TECHNOLOGY

- 
 Running Speed Control
- 
 Short-Circuit Protection
- 
 MPPT
- 
 Dry Running Protection
- 
 Soft Starting Protection
- 
 Reverse Voltage Protection
- 
 Low-voltage / Over-voltage Protection
- 
 Over Current Protection

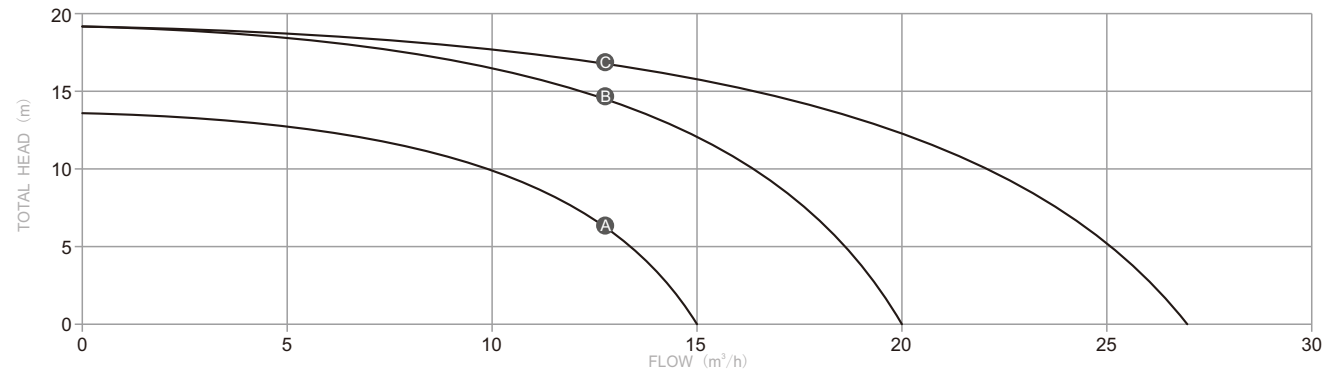


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC Voltage Operation
 Control inputs for well probe, dry running protection
 Battery Operation, low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|-------------------------|-----------|---------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | SSSP15-14-48(72)-500 | 48(72)V | 60-90V (72-120V) | 500W | 15m³/h | 14m | 2×2" | 2m | <100V | ≥1.3*PUMP POWER |
| B | SSSP20-19-110(150)-900 | 110(150)V | 110-150V (150-200V) | 900W | 20m³/h | 19m | 2×2" | 2m | <200V | ≥1.3*PUMP POWER |
| C | SSSP27-19-110(150)-1200 | 110(150)V | 110-150V (150-200V) | 1200W | 27m³/h | 19m | 3×3" | 2m | <200V | ≥1.3*PUMP POWER |



SSH F Solar Surface Pump Series



WITH FRAME

ADVANCED TECHNOLOGY

- 
Running Speed Control
- 
Short-Circuit Protection
- 
MPPT
- 
Dry Running Protection
- 
Soft Starting Protection
- 
Reverse Voltage Protection
- 
Low-voltage / Over-voltage Protection
- 
Over Current Protection

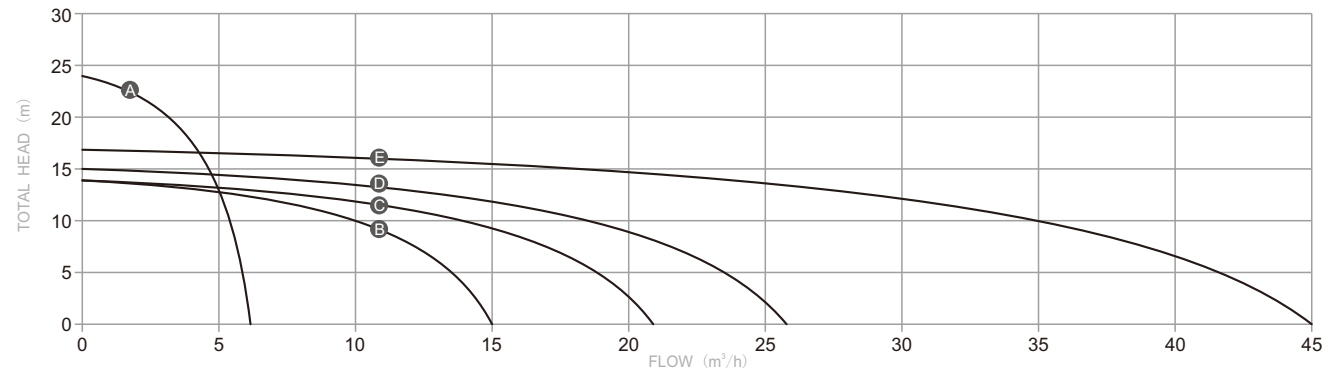


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated DSP & MPPT(Maximum Power Point remote control etc.)
 Suitable for Wide DC voltage Operation
 Control inputs for well probe,dry running protection
 Battery Operation,low voltage disconnect for battery Tracking)
 Overload and high Adjustable speed control of motor
 Temperature Protection and against reverse polarity

PERFORMANCE CURVES AND DATA



| No. | ITEM | Voltage | Optimum input voltage(DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----|--------------------------|-----------|---------------------------|-------|-----------|-----------|----------|-------|----------------------------|-----------------|
| | | | | | | | | | Open circuit voltage (VOC) | Power |
| A | SSH F6-24-48-550 | 48(72)V | 60-90V (72-120V) | 550W | 6m³/h | 24m | 1×1" | 1m | <100V | ≥1.3*PUMP POWER |
| B | SSH F15-14-48-550 | 48(72)V | 60-90V (72-120V) | 550W | 15m³/h | 14m | 1.5×1.5" | 1m | <100V | ≥1.3*PUMP POWER |
| C | SSH F21-14-72(96)-750 | 72(96)V | 90-120V (110-150V) | 750W | 21m³/h | 14m | 2×2" | 1m | <150V | ≥1.3*PUMP POWER |
| D | SSH F26-15-110(150)-1100 | 110(150)V | 110-150V (150-200V) | 1100W | 26m³/h | 15m | 2×2" | 1m | <200V | ≥1.3*PUMP POWER |
| E | SSH F45-17-110(200)-1500 | 110(150)V | 110-150V (200-300V) | 1500W | 45m³/h | 17m | 3×3" | 1m | <200V | ≥1.3*PUMP POWER |



ZSCO DC

MPPT CONTROLLER

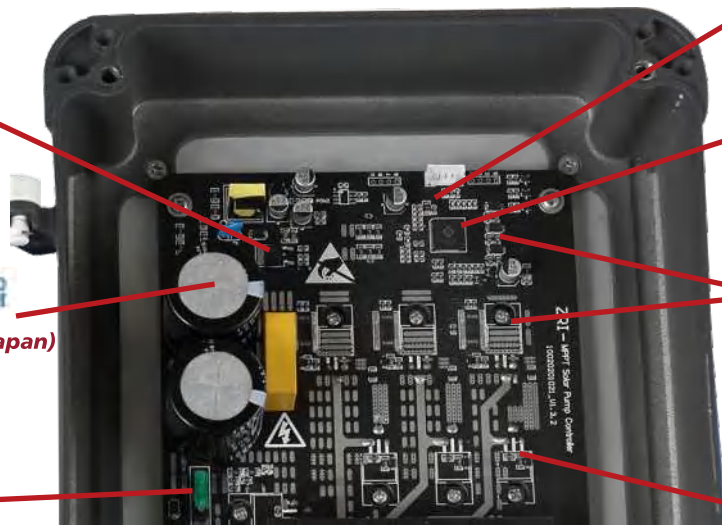


DC MPPT CONTROLLER

onsemi.
ONSEMI (USA)
Regulated Power Supply

CapXon **THE UNITED CHEMI-CON**
CapXon (Taiwan) | NCC (Japan)
Electrolytic capacitor

Littelfuse
Littelfuse (USA) Fuse



TEXAS INSTRUMENTS
TI (USA) Driver chip

active-semi **Silan**
Active-Semi (USA) | SILAN MCU

Infineon **MagnaChip**
Infineon(USA) IC Driver
Infineon(USA) MOSFET
Magna(Korea) MOSFET

SAMSUNG
SAMSUNG (Korea) Chip Resistor



Sine Wave Motor Driving Mode

with Disturbance Observation Method MPPT Tracking, more water come out at the same ondition than other brand products.



Military Hardware Standard

ZRI controller select the best brand of components, which ensures the quality and reliability of products.



Running Speed Control



Short-Circuit Protection



MPPT



Stop Protection



Soft Starting Protection



Reverse Voltage Protection



Low-voltage / Over-voltage Protection



Over Current Protection





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