



INTD BUILT-IN DC CONTROLLER SOLAR PUMP

2026

PRODUCT CATALOG

CE © ISO9001



COMPANY PROFILE

Zhejiang Rambo Intelligent Technology Co., Ltd.(ZRI Co.,ltd) Is the leading manufacturer and exporter of water pumps in China, located in Daxi Industrial Zone, Wenling, Zhejiang province.

With over 20 years experience and efforts, our products has diversified into wide range of selections to meet customers' Needs which include Solar pumps, Submersible pumps, Deep well pumps, and Land domestic pumps, etc. While our latest Energy-saving products---Solar pumps have developed rapidly and got a great success during recent years. After several years' Development, ZRI' S network has been spread to about 80 countries and regions around the world. We have become the long-term supplier of world-class retailer

Besides the IATF quality control system, ZRI has a group of professional technical engineers and a strong R&D team. Our engineers are able to provide expert technical support with the most efficient and cost effective solutions. The R&D team satisfies customers with specialized design and develops new products according to market demand.

ZRI has good cooperative relationships with some noted universities and institutes, and also famous manufacturers in Europe. It greatly strengthens ZRI' S R&D ability.

To do the best pump from China is ZRI' S purpose



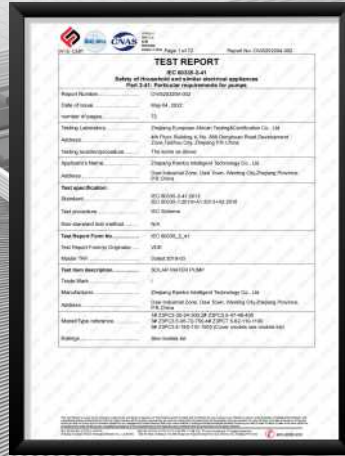
ISO 9001-2015



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

INTD DC BUILT-IN CONTROLLER SOLAR PUMP SERIES

www.zripump.com



Large Flow
Gao Yangcheng



All-copper motor coil



Low noise



High efficiency
and energy saving



Super durability



INTD DC BUILT-IN

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



INTD CONTROLLER PERFORMANCE DATA

Item		INTD_ISSL24	INTD_ISSL48	INTD_ISSL72	INTD_ISSL96	INTD_ISSL11	INTD_ISSL15	INTD_ISSL20	INTD_ISSL30
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



I3SS Built-in Controller Solar Submersible 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



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



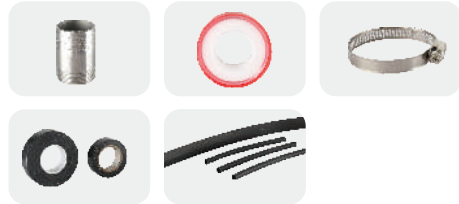
02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

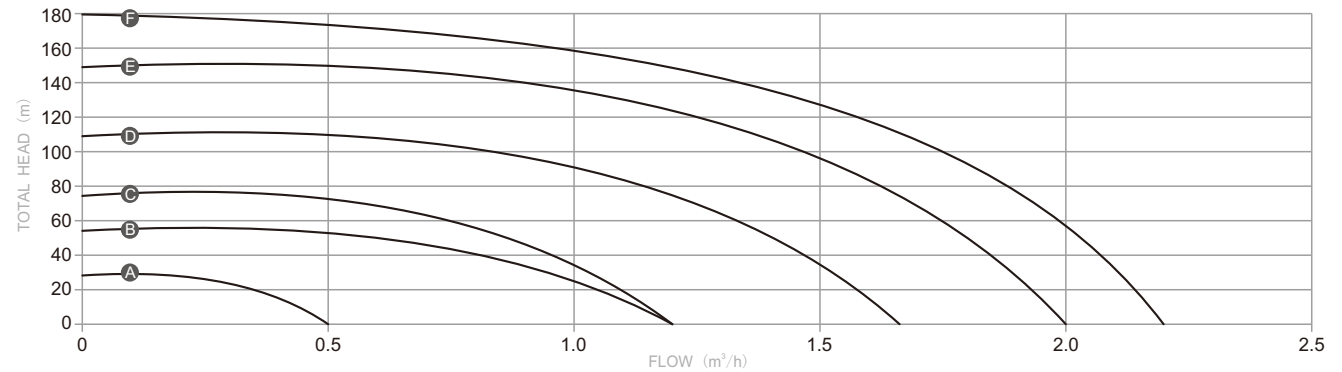


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I3SS0.5-28-12-80	12V	20-36V	80W	0.5m³/h	28m	0.75"	2m	<50V	≥1.3*PUMP POWER
B	I3SS1.2-56-24-120	24V	30-48V	120W	1.2m³/h	56m	0.75"	2m	<50V	≥1.3*PUMP POWER
C	I3SS1.2-77-36-210	36V	30-48V	210W	1.2m³/h	77m	0.75"	2m	<50V	≥1.3*PUMP POWER
D	I3SS1.7-109-48(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	I3SS2.0-150-72(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	I3SS2.2-180-110(150)-1100	110(150)V	110-150V (150-200V)	1100W	2.2m³/h	180m	0.75"	2m	<200(300)V	≥1.3*PUMP POWER



I4SS Built-in Controller Solar Submersible 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



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



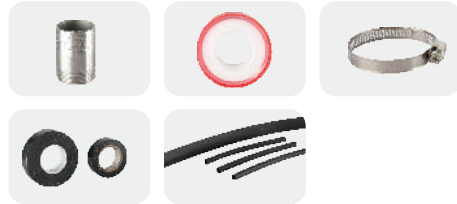
02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

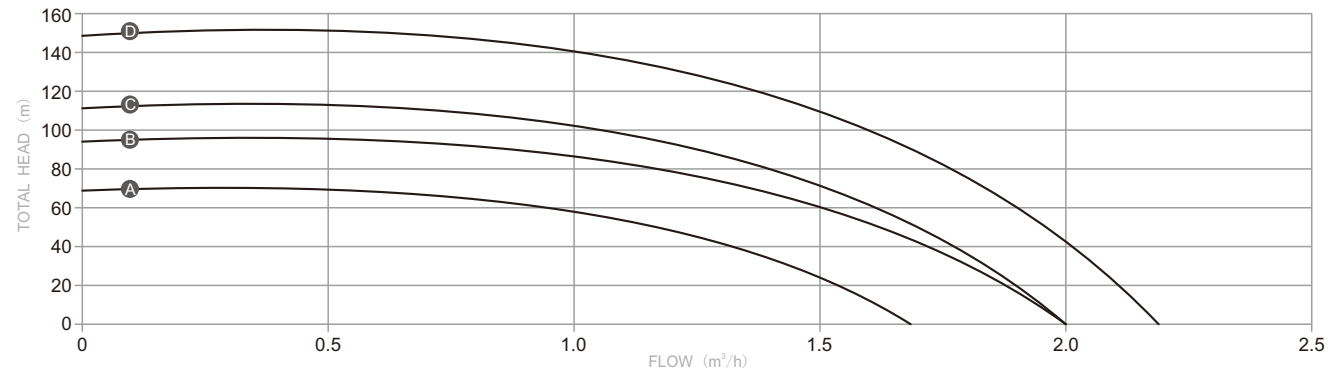


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I4SS1.7-70-48(72)-500	48(72)V	60-90V (72-120V)	500W	1.7m³/h	70m	1"	2m	<100(150)V	≥1.3*PUMP POWER
B	I4SS2.0-95-72(96)-750	72(96)V	90-120V (110-150V)	750W	2.0m³/h	95m	1"	2m	<150(200)V	≥1.3*PUMP POWER
C	I4SS2.0-110-110(150)-1100	110(150)V	110-150V (150-200V)	1100W	2.0m³/h	110m	1"	2m	<200(300)V	≥1.3*PUMP POWER
D	I4SS2.2-150-110(180)-1300	110(180)V	110-150V (180-250V)	1300W	2.2m³/h	150m	1"	2m	<200(350)V	≥1.3*PUMP POWER



I3PC Built-in Controller

Solar Submersible 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



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



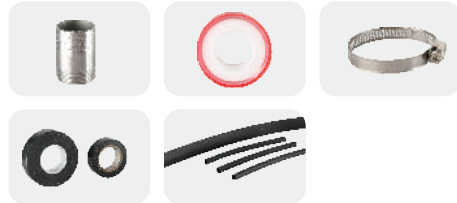
02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

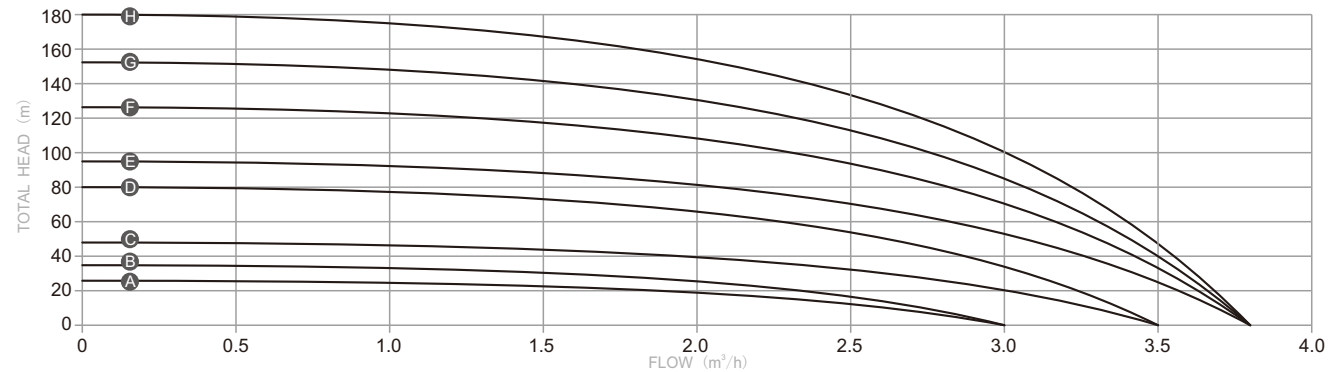


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated MPPT(Maximum Power Point remote control etc.
 Suitable for Wide DC voltage Operation
 Control inputs for well dry running protection

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	I3PC3-25-24-200	24V	30-48V	200W	3.0m³/h	25m	1.25"	2m	<50V	≥1.3*PUMP POWER
B	I3PC3-35-24-300	24V	30-48V	300W	3.0m³/h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
C	I3PC3.5-47-48-400	48V	60-90V	400W	3.5m³/h	47m	1.25"	2m	<100V	≥1.3*PUMP POWER
D	I3PC3.5-80-48(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	I3PC3.5-95-72(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	I3PC3.8-123-110(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	I3PC3.8-155-110(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	I3PC3.8-180-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	3.8m³/h	180m	1.25"	2m	<200(400)V	≥1.3*PUMP POWER



I3PC Built-in Controller Solar Submersible 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



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



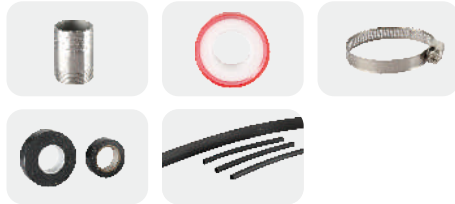
02
Inlet
Stainless Steel
AISI 304SS/316SS



03
Bottom support
Stainless Steel
AISI 304SS/316SS

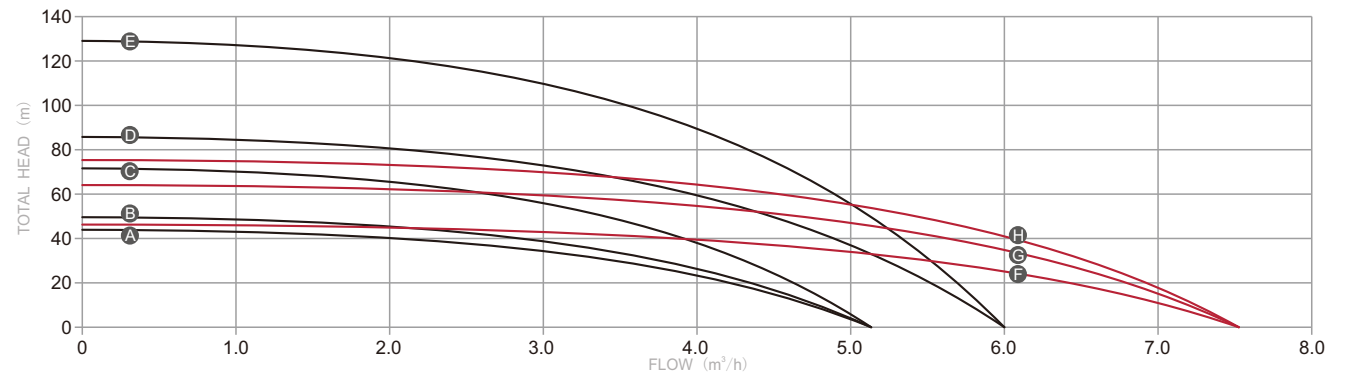


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I3PC5.2-45-48(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	I3PC5.2-50-48(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	I3PC5.2-75-72(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	I3PC6-84-110(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	I3PC6-125-110(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	I3PC7.5-43-72(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	I3PC7.5-62-110(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	I3PC7.5-78-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	7.5m³/h	78m	1.5"	2m	<200(400)V	≥1.3*PUMP POWER



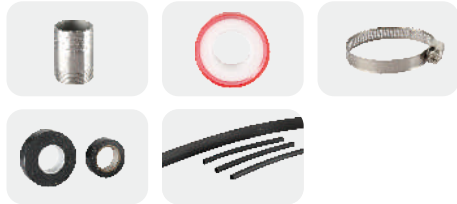
I4PC Built-in Controller Solar Submersible Pump Series

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

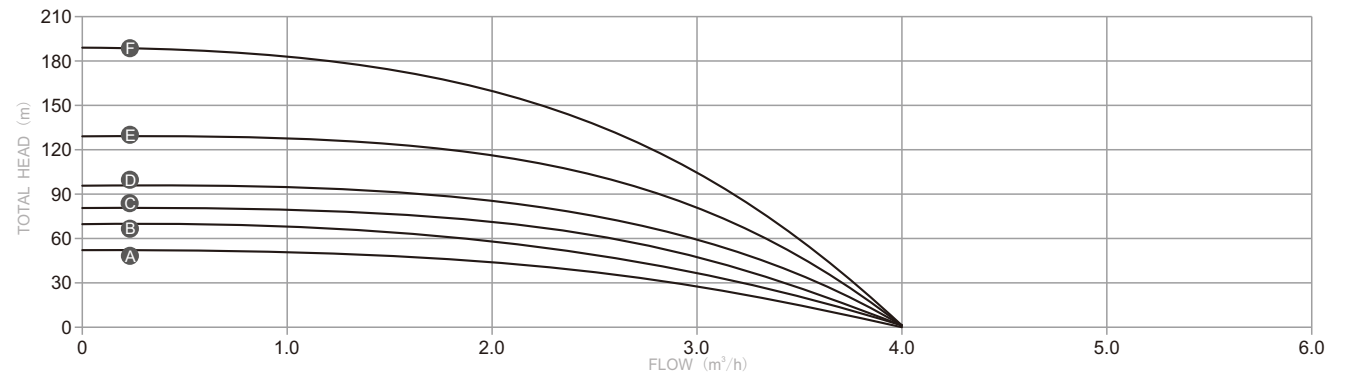


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I4PC4-50-48(72)-600	48(72)V	60-90V (72-120V)	600W	4m³/h	50m	1.25"	2m	<100(150)V	≥1.3*PUMP POWER
B	I4PC4-70-72(96)-750	72(96)V	90-120V (110-150V)	750W	4m³/h	70m	1.25"	2m	<150(200)V	≥1.3*PUMP POWER
C	I4PC4-80-96(120)-900	96(120)V	110-150V (120-200V)	900W	4m³/h	80m	1.25"	2m	<200(300)V	≥1.3*PUMP POWER
D	I4PC4-95-110(150)-1100	110(150)V	110-180V (150-250V)	1100W	4m³/h	95m	1.25"	2m	<200(350)V	≥1.3*PUMP POWER
E	I4PC4-130-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	4m³/h	130m	1.25"	2m	<200(400)V	≥1.3*PUMP POWER
F	I4PC4-190-300-2200	300V	300-420V	2200W	4m³/h	190m	1.25"	2m	<450V	≥1.3*PUMP POWER



I4PC Built-in Controller Solar Submersible 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

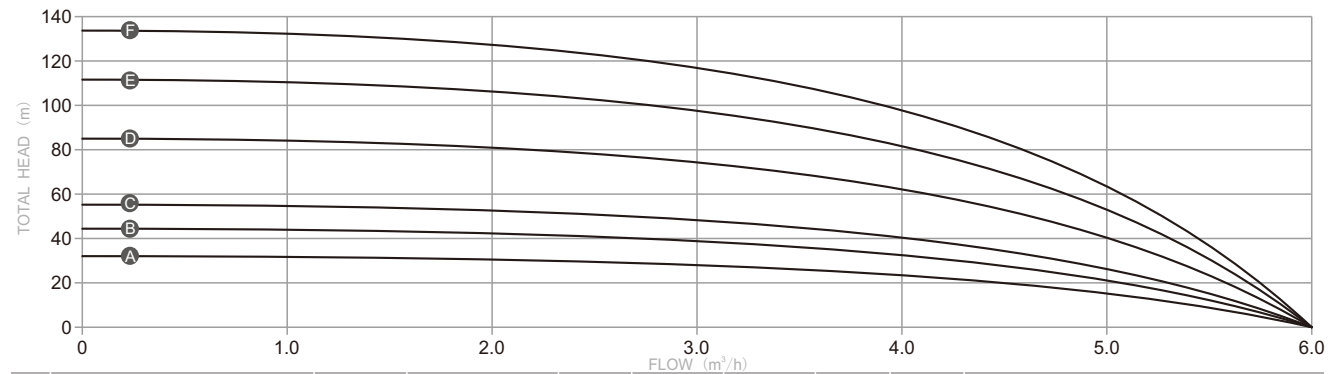


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I4PC6-32-48-400	48V	60-90V	400W	6.0m³/h	32m	1.25"	2m	<100V	≥1.3*PUMP POWER
B	I4PC6-42-48(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	I4PC6-56-72(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	I4PC6-84-110(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	I4PC6-112-110(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	I4PC6-135-110(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	I4PC6-175-300-2200	300V	300-420V	2200W	6.0m³/h	175m	1.25"	2m	<450V	≥1.3*PUMP POWER



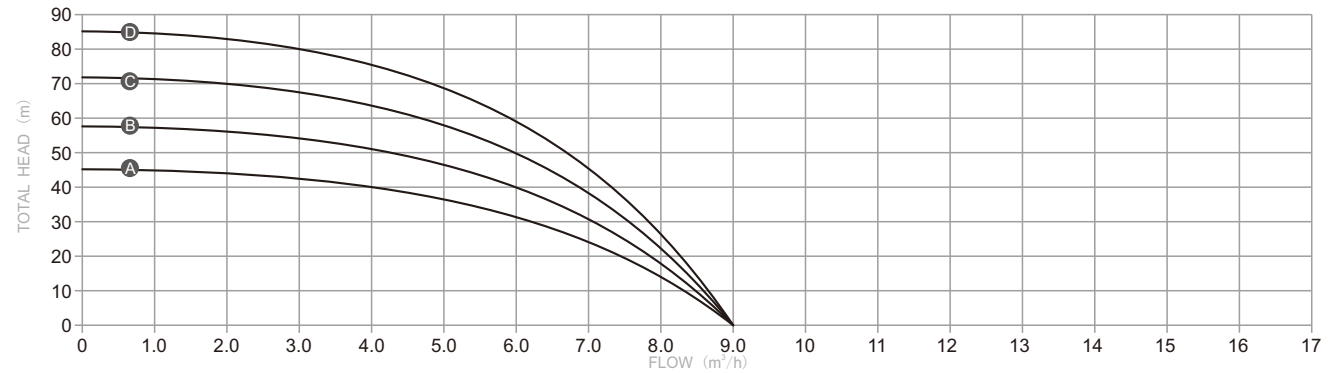
I4PC Built-in Controller Solar Submersible Pump Series

ADVANCED TECHNOLOGY

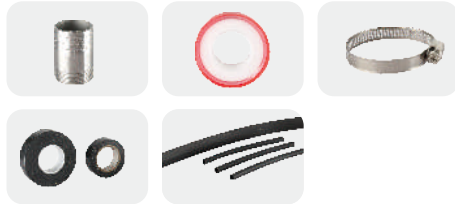
- 
 Running Speed Control
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 Short-Circuit Protection
- 
 MPPT
- 
 Dry Running Protection
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 Soft Starting Protection
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 Reverse Voltage Protection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



PERFORMANCE CURVES AND DATA



FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated MPPT(Maximum Power Point remote control etc.
 Suitable for Wide DC voltage Operation
 Control inputs for well dry running protection

No.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage (VOC)	Power
A	I4PC9-45-96-750	96V	110-150V	750W	9.0m³/h	45m	2"	2m	<200V	≥1.3*PUMP POWER
B	I4PC9-58-110(150)-1100	110(150)V	110-150V (150-200V)	1100W	9.0m³/h	58m	2"	2m	<200(300)V	≥1.3*PUMP POWER
C	I4PC9-71-110(180)-1300	110(180)V	110-150V (180-250V)	1300W	9.0m³/h	71m	2"	2m	<200(350)V	≥1.3*PUMP POWER
D	I4PC9-85-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	9.0m³/h	85m	2"	2m	<200(400)V	≥1.3*PUMP POWER
E	I4PC9-125-300-2200	300V	300-400V	2200W	9.0m³/h	125m	2"	2m	<450V	≥1.3*PUMP POWER



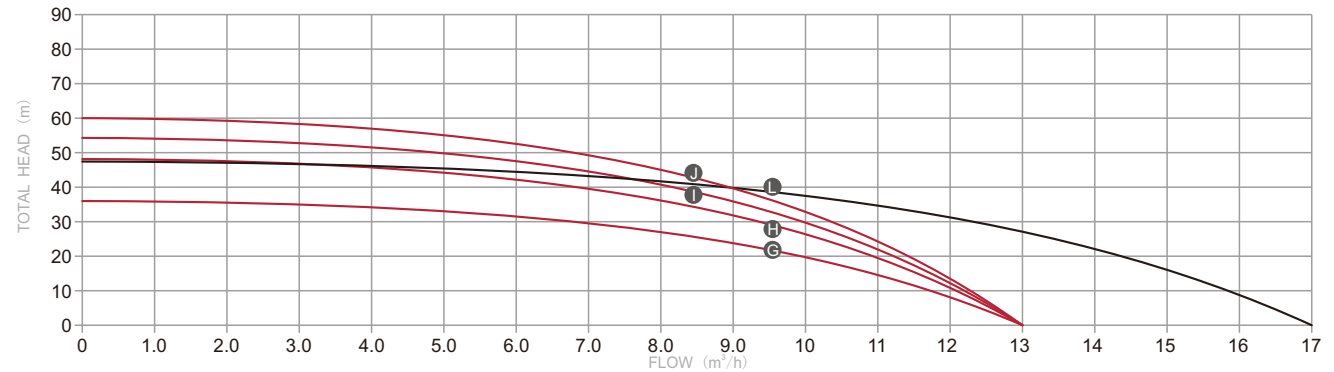
I4PC Built-in Controller Solar Submersible Pump Series

ADVANCED TECHNOLOGY

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Running Speed Control
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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



PERFORMANCE CURVES AND DATA



FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

No.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage (VOC)	Power
G	I4PC13-42-96-750	96V	110-150V	750W	13m³/h	42m	2"	2m	<200V	≥1.3*PUMP POWER
H	I4PC13-50-110(150)-1100	110(150)V	110-150V (150-200V)	1100W	13m³/h	50m	2"	2m	<200(300)V	≥1.3*PUMP POWER
I	I4PC13-58-110(180)-1300	110(180)V	110-150V (180-250V)	1300W	13m³/h	58m	2"	2m	<200(350)V	≥1.3*PUMP POWER
J	I4PC13-63-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	13m³/h	63m	2"	2m	<200(400)V	≥1.3*PUMP POWER
K	I4PC13-110-300-2200	300V	300-400V	2200W	13m³/h	110m	2"	2m	<450V	≥1.3*PUMP POWER
L	I4PC17-48-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	17m³/h	48m	2"	2m	<200(400)V	≥1.3*PUMP POWER



I3SC Built-in Controller Solar Submersible 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



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

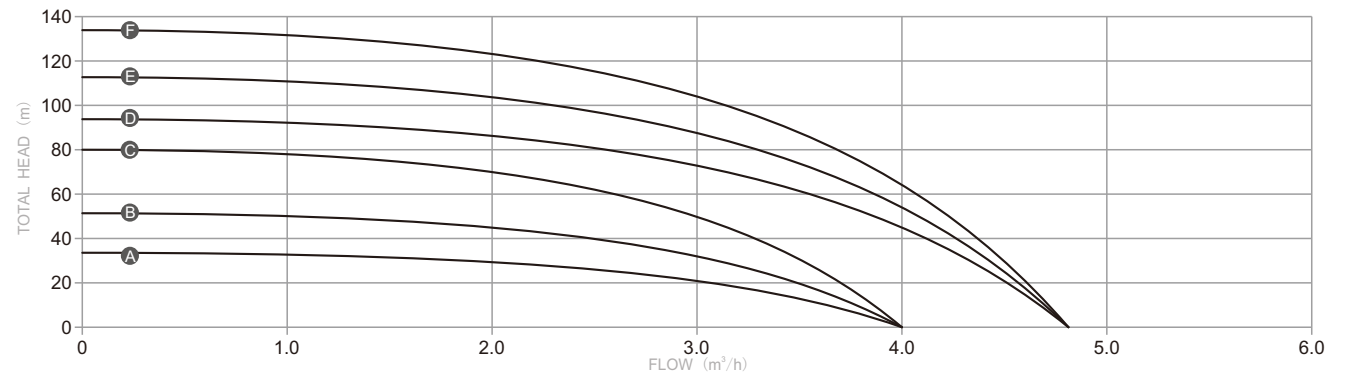


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
Integrated MPPT(Maximum Power Point remote control etc.
Suitable for Wide DC voltage Operation
Control inputs for well dry running protection

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	I3SC4-35-24-300	24V	30-48V	300W	4.0m³/h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
B	I3SC4-50-48-400	48V	60-90V	400W	4.0m³/h	50m	1.25"	2m	<100V	≥1.3*PUMP POWER
C	I3SC4-80-48(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	I3SC4.8-95-72(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	I3SC4.8-112-110(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	I3SC4.8-135-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	4.8m³/h	135m	1.25"	2m	<200(400)V	≥1.3*PUMP POWER



I4SC Built-in Controller

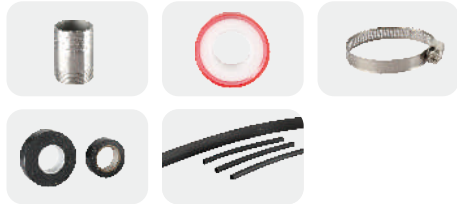
Solar Submersible Pump Series

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

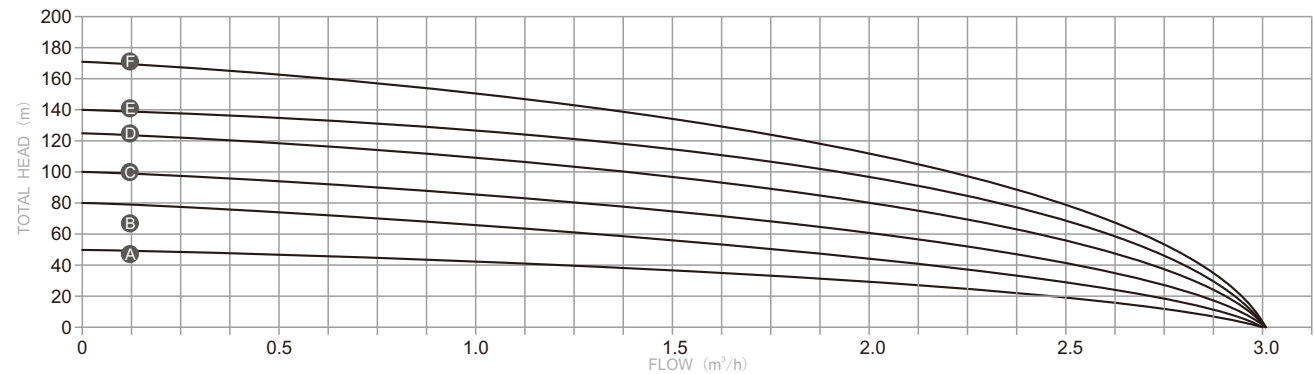


FREE SPARE PARTS



Maintenance-Free Brushless DC Motor
 Integrated MPPT(Maximum Power Point remote control etc.
 Suitable for Wide DC voltage Operation
 Control inputs for well dry running protection

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	I4SC3.0-50-48-400	48V	60-90V	400W	3.0m³/h	50m	1.25"	2m	<100(150)V	≥1.3*PUMP POWER
B	I4SC3.0-80-72-600	72V	90-120V	600W	3.0m³/h	80m	1.25"	2m	<150(200)V	≥1.3*PUMP POWER
C	I4SC3.0-100-72(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	I4SC3.0-125-96(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	I4SC3.0-140-110(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	I4SC3.0-170-110(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	I4SC3.0-260-300-2200	300V	300-400V	2200W	3.0m³/h	260m	1.25"	2m	<450V	≥1.3*PUMP POWER



I4SC Built-in Controller

Solar Submersible 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

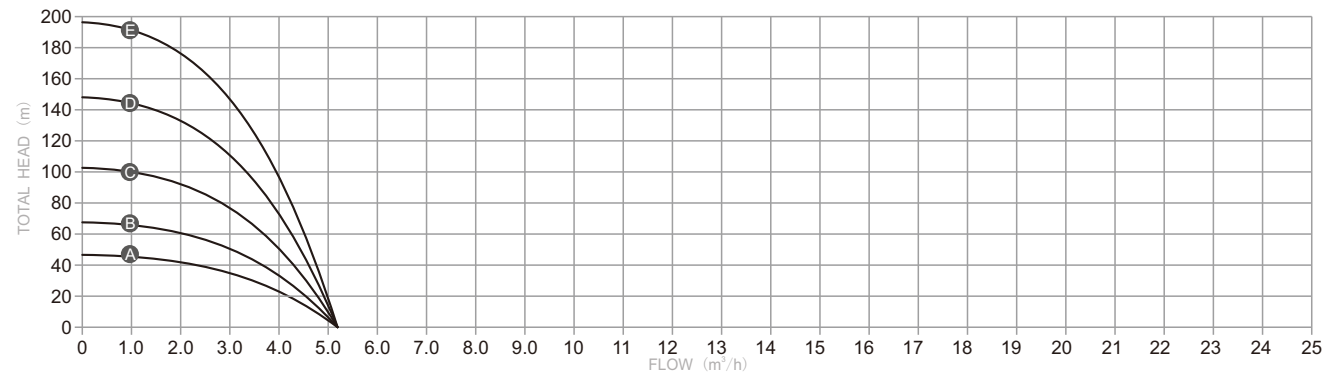


FREE SPARE PARTS



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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	I4SC5.2-45-48(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	I4SC5.2-67-72(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	I4SC5.2-101-110(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	I4SC5.2-146-110(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	I4SC5.2-198-110(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	I4SC5.2-255-300-2200	300V	300-400V	2200W	5.2m³/h	255m	1.25"	2m	<450V	≥1.3*PUMP POWER



I4SC Built-in Controller Solar Submersible Pump Series

ADVANCED TECHNOLOGY

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- Soft Starting Protection
- Reverse Voltage Protection
- Low-voltage / Over-voltage Protection
- Over Current Protection

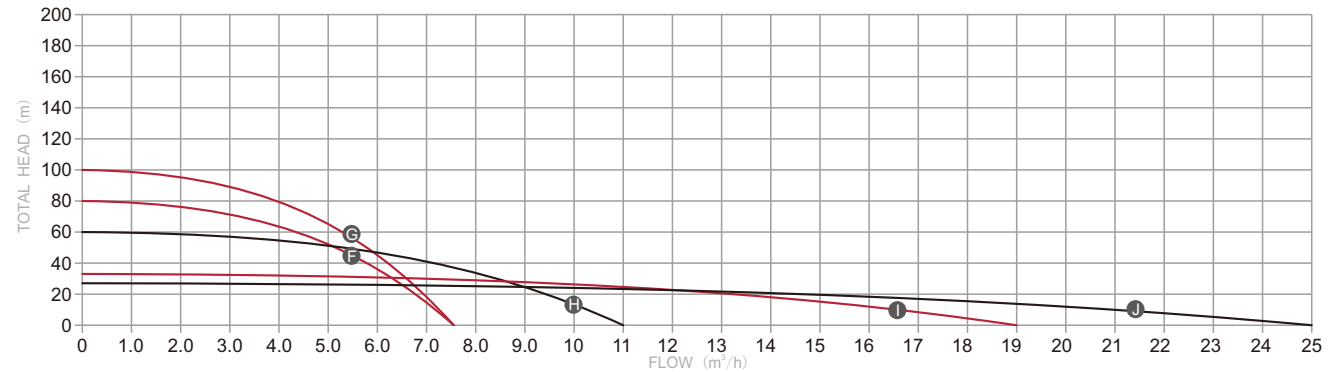


FREE SPARE PARTS



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
G	I4SC7.5-80-110(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	I4SC7.5-100-110(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	I4SC7.5-150-300-2200	300V	300-400V	2200W	7.5m³/h	150m	1.25"	2m	<450V	≥1.3*PUMP POWER
J	I4SC11-60-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	11m³/h	60m	2"	2m	<200(400)V	≥1.3*PUMP POWER
K	I4SC19-35-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	19m³/h	35m	2"	2m	<200(400)V	≥1.3*PUMP POWER
L	I4SC25-26-110(200)-1500	110(200)V	110-150V (200-300V)	1500W	25m³/h	26m	2"	2m	<200(400)V	≥1.3*PUMP POWER

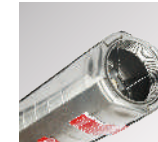


I4/6SC Built-in Controller

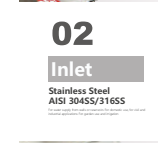
Solar Submersible Pump Series

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



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

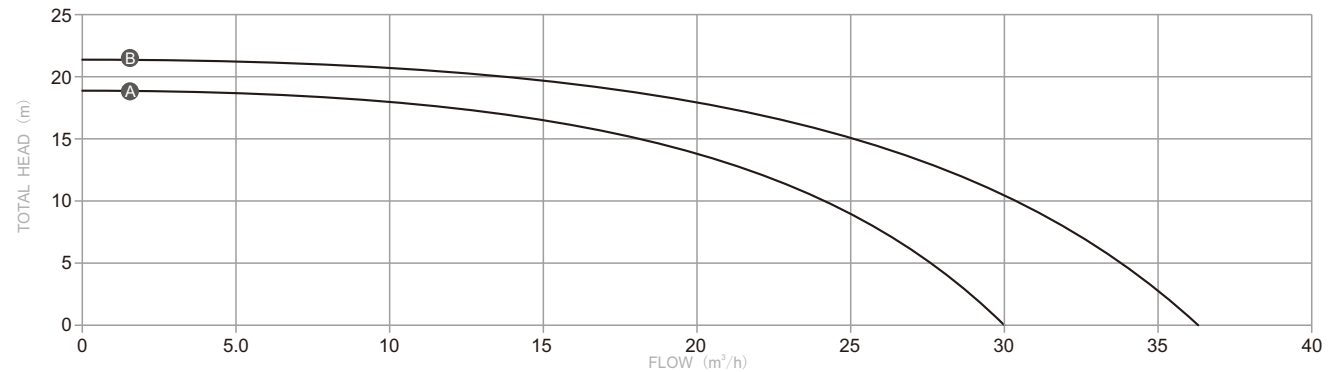


FREE SPARE PARTS



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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	I4/6SC30-19-110(150)-1100	110(150)V	110-150V (200-300V)	1100W	30m³/h	19m	3"	2m	<200(300)V	≥1.3*PUMP POWER
B	I4/6SC36-22-110(200)-1500	110(200)V	110-150V (150-200V)	1500W	36m³/h	22m	3"	2m	<200(400)V	≥1.3*PUMP POWER
C	I4/6SC36-38-300-2200	300V	300-400V	2200W	36m³/h	38m	3"	2m	<450V	≥1.3*PUMP POWER



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